

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015718.D
 Acq On : 25 Jun 2020 10:39
 Operator : SY/VA
 Sample : VW0625SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 11:21:18 AM

Quant Time: Jun 26 02:05:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	185593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	291450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	267456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136381	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	100832	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
35) Dibromofluoromethane	7.88	113	90048	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	10.32	98	357562	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	12.62	95	129450	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	21776	19.678	ug/l	98
3) Chloromethane	2.21	50	27513	21.173	ug/l	96
4) Vinyl Chloride	2.37	62	43731	20.817	ug/l	99
5) Bromomethane	2.78	94	36219	23.457	ug/l	99
6) Chloroethane	2.93	64	30205	21.848	ug/l	97
7) Trichlorofluoromethane	3.26	101	31806	20.164	ug/l	99
8) Diethyl Ether	3.68	74	18177	19.953	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.07	101	38032	20.455	ug/l	99
10) Methyl Iodide	4.27	142	51911	19.746	ug/l	99
11) Tert butyl alcohol	5.20	59	13286m	95.500	ug/l	
12) 1,1-Dichloroethene	4.03	96	36414	20.114	ug/l	96
13) Acrolein	3.90	56	13735	95.749	ug/l	99
14) Allyl chloride	4.67	41	56332	19.179	ug/l	98
15) Acrylonitrile	5.37	53	36505	97.126	ug/l	99
16) Acetone	4.14	43	36694	93.474	ug/l	99
17) Carbon Disulfide	4.38	76	96316	18.485	ug/l	100
18) Methyl Acetate	4.67	43	18151	19.524	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	54133	19.868	ug/l	96
20) Methylene Chloride	4.92	84	48949	23.146	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	40947	19.727	ug/l	98
22) Diisopropyl ether	6.31	45	115782	19.820	ug/l	96
23) Vinyl Acetate	6.26	43	322959	94.802	ug/l	100
24) 1,1-Dichloroethane	6.21	63	74478	20.254	ug/l	99
25) 2-Butanone	7.18	43	48996	92.349	ug/l	99
26) 2,2-Dichloropropane	7.17	77	46869	19.003	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	44212	19.801	ug/l	97
28) Bromochloromethane	7.51	49	29210	20.651	ug/l #	13
29) Tetrahydrofuran	7.54	42	28950	92.855	ug/l	99
30) Chloroform	7.68	83	75308	19.969	ug/l	99
31) Cyclohexane	7.95	56	69257	19.470	ug/l #	95
32) 1,1,1-Trichloroethane	7.87	97	64534	20.075	ug/l	99
36) 1,1-Dichloropropene	8.09	75	62404	20.586	ug/l	99
37) Ethyl Acetate	7.26	43	21718	18.764	ug/l	99
38) Carbon Tetrachloride	8.07	117	58958	20.064	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	73567	20.036	ug/l	97
40) Benzene	8.32	78	167260	20.292	ug/l	99
41) Methacrylonitrile	7.49	41	12393	18.656	ug/l	96
42) 1,2-Dichloroethane	8.40	62	51775	20.304	ug/l	100
43) Isopropyl Acetate	8.43	43	42851	18.552	ug/l	98
44) Trichloroethene	9.09	130	44105	19.852	ug/l	95
45) 1,2-Dichloropropane	9.37	63	40488	20.096	ug/l	98
46) Dibromomethane	9.46	93	20434	19.603	ug/l	99
47) Bromodichloromethane	9.65	83	52417	19.278	ug/l	98
48) Methyl methacrylate	9.44	41	19678	18.634	ug/l	94
49) 1,4-Dioxane	9.46	88	5565	406.956	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	104269	93.608	ug/l	99
52) Toluene	10.39	92	109613	20.595	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	48110	18.315	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	59467	18.950	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	28688	19.794	ug/l	98
56) Ethyl methacrylate	10.65	69	34134	18.928	ug/l #	95
57) 1,3-Dichloropropane	10.93	76	51545	20.061	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	92006	107.813	ug/l	100
59) 2-Hexanone	10.97	43	71414	94.173	ug/l	99
60) Dibromochloromethane	11.13	129	32129	19.023	ug/l	98
61) 1,2-Dibromoethane	11.24	107	27321	19.721	ug/l	99
64) Tetrachloroethene	10.87	164	36900	19.639	ug/l	94
65) Chlorobenzene	11.66	112	114074	20.229	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	39002	19.726	ug/l	98
67) Ethyl Benzene	11.73	91	210756	20.082	ug/l	97
68) m/p-Xylenes	11.84	106	161393	40.955	ug/l	99
69) o-Xylene	12.17	106	72459	19.998	ug/l	100
70) Styrene	12.18	104	125187	20.222	ug/l	100
71) Bromoform	12.35	173	16379	18.004	ug/l #	97
73) Isopropylbenzene	12.46	105	204392	19.646	ug/l	99
74) N-amyl acetate	12.27	43	40549	18.386	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	31669	19.028	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	23001m	18.490	ug/l	
77) Bromobenzene	12.75	156	45567	19.642	ug/l	99
78) n-propylbenzene	12.80	91	253357	20.232	ug/l	99
79) 2-Chlorotoluene	12.90	91	142225	20.171	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	178733	20.275	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	8000	16.206	ug/l	87
82) 4-Chlorotoluene	12.99	91	149463	20.036	ug/l	99
83) tert-Butylbenzene	13.21	119	148582	19.948	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	175849	20.003	ug/l	99
85) sec-Butylbenzene	13.38	105	218009	20.480	ug/l	100
86) p-Isopropyltoluene	13.50	119	199819	20.660	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	96006	20.847	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	92026	20.177	ug/l	98
89) n-Butylbenzene	13.82	91	193314	20.821	ug/l	97
90) Hexachloroethane	14.10	117	32727	19.014	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	81458	20.458	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4747	17.811	ug/l	97

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ClientSampleId :
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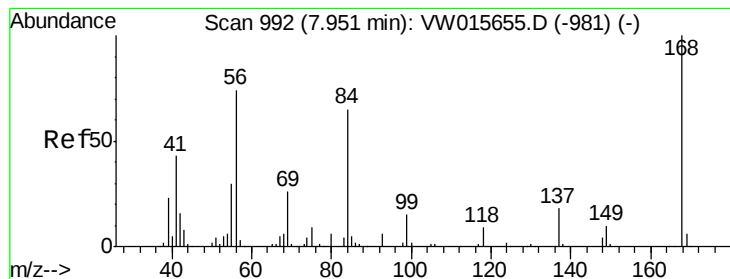
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	51723	19.671	ug/l	98
94) Hexachlorobutadiene	15.23	225	32490	19.396	ug/l	97
95) Naphthalene	15.37	128	81912	18.835	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	44127	19.492	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

Tot Ion:168 Resp: 185593

Ion Ratio Lower Upper

168 100

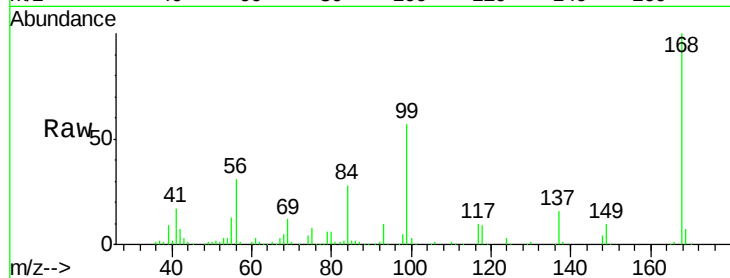
99 57.3 48.6 73.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

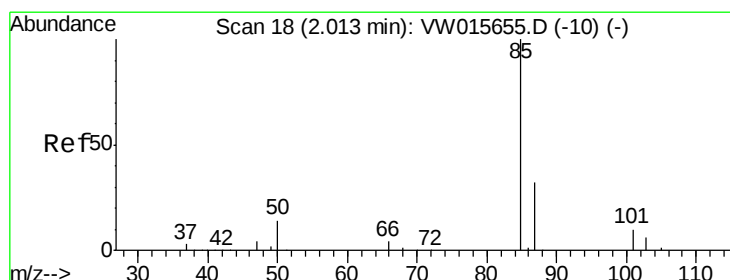
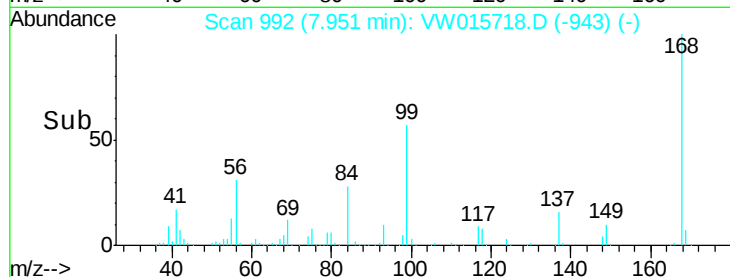
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 19.678 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015718.D

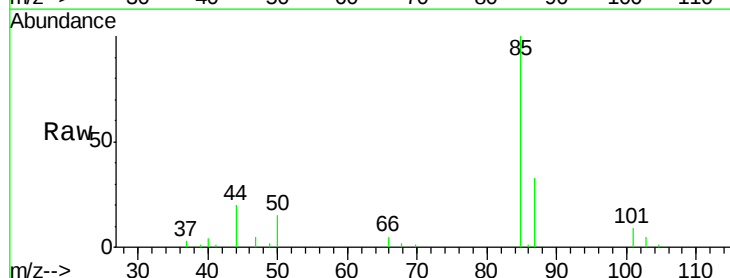
Acq: 25 Jun 2020 10:39

Tgt Ion: 85 Resp: 21776

Ion Ratio Lower Upper

85 100

87 32.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

4000

2000

0

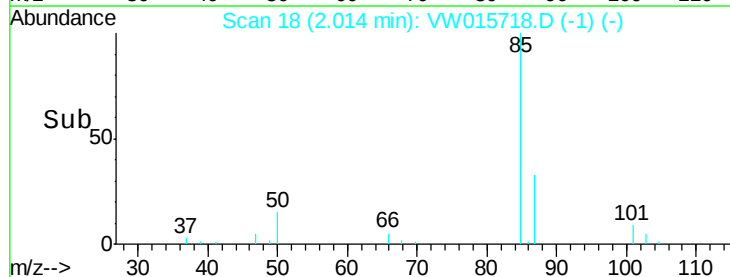
1.90

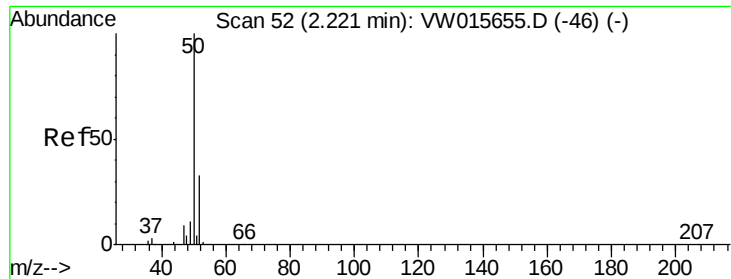
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 21.173 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

Tot Ion: 50 Resp: 27513

Ion Ratio Lower Upper

50 100

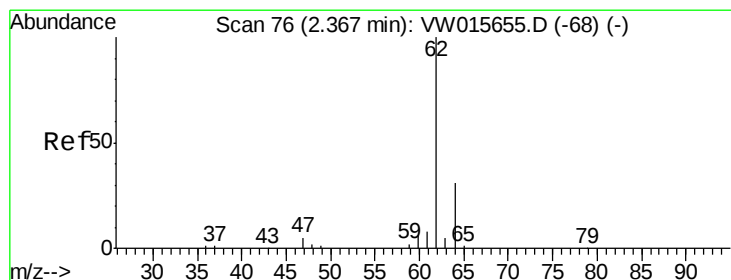
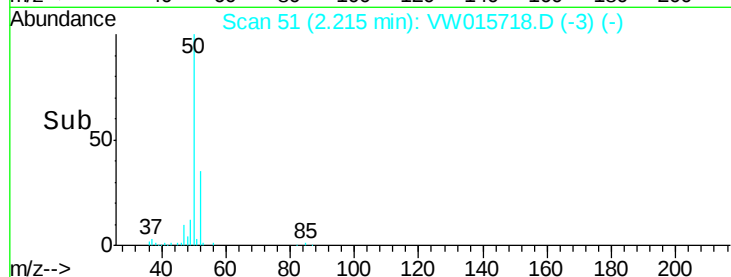
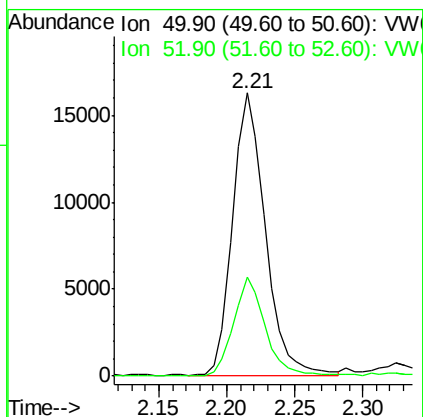
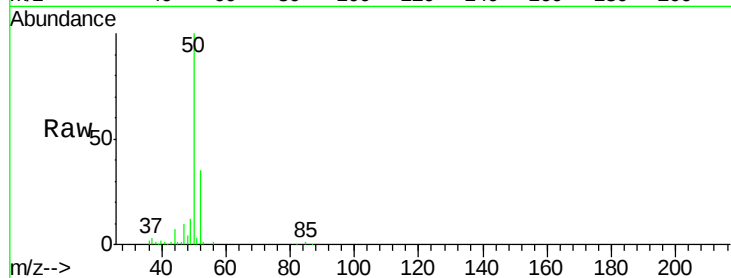
52 34.8 26.0 39.0

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#4

Vinyl Chloride

Concen: 20.817 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015718.D

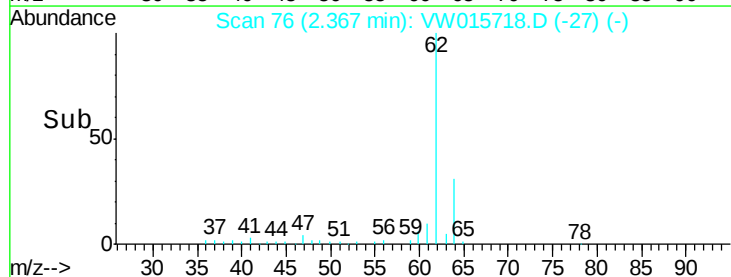
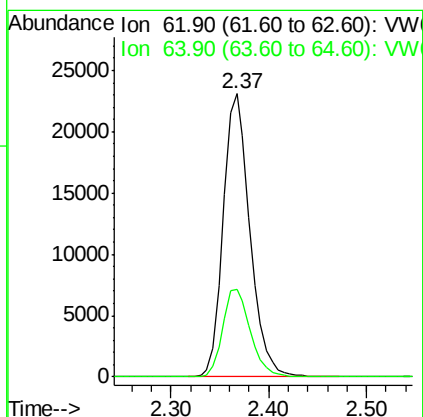
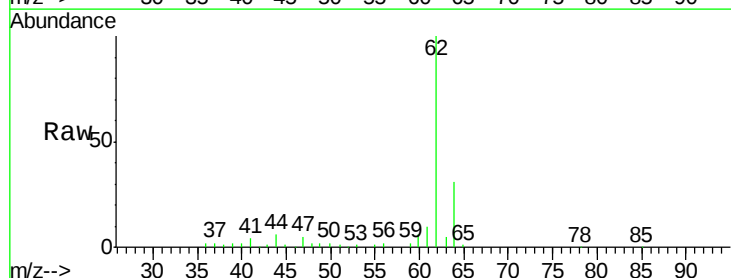
Acq: 25 Jun 2020 10:39

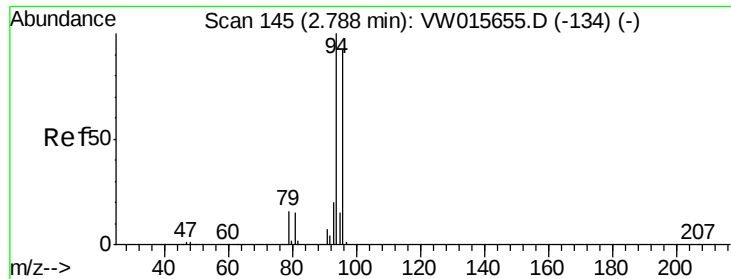
Tgt Ion: 62 Resp: 43731

Ion Ratio Lower Upper

62 100

64 30.9 25.1 37.7





#5

Bromomethane

Concen: 23.457 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

Tot Ion: 94 Resp: 36219

Ion Ratio Lower Upper

94 100

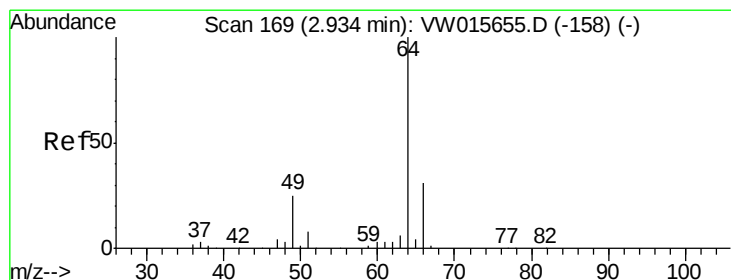
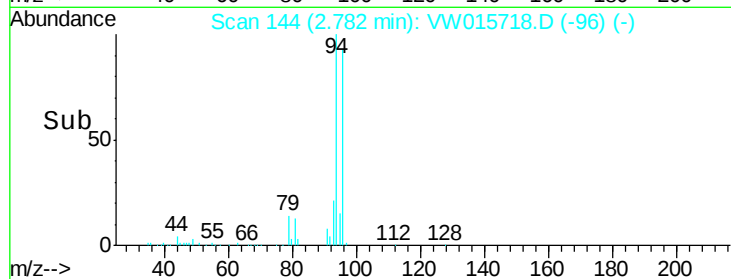
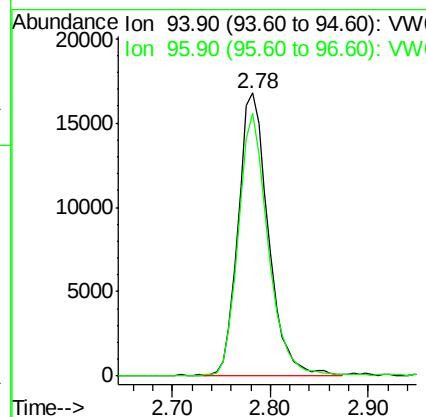
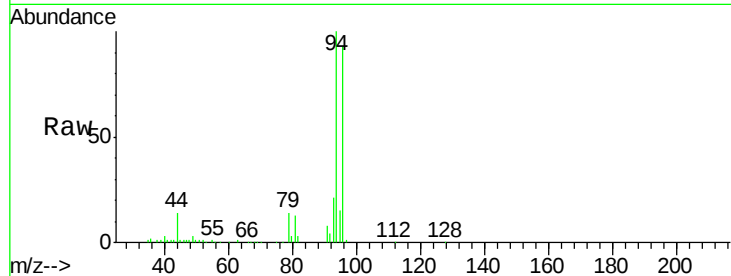
96 92.8 73.8 110.6

Manual Integrations

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#6

Chloroethane

Concen: 21.848 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW015718.D

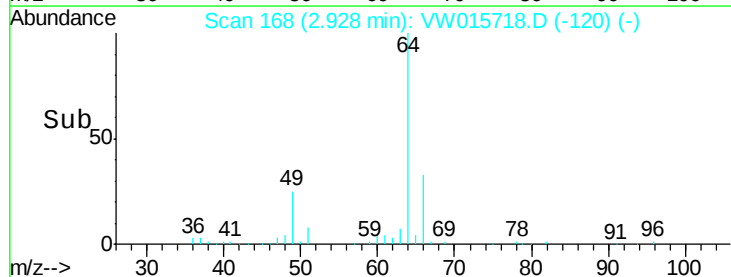
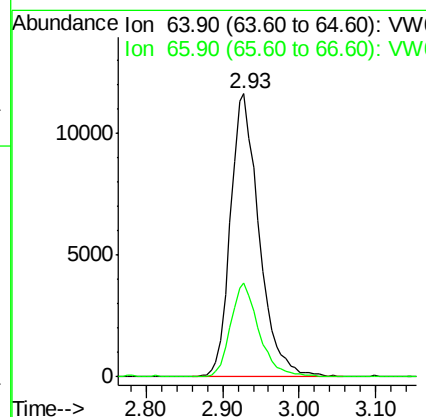
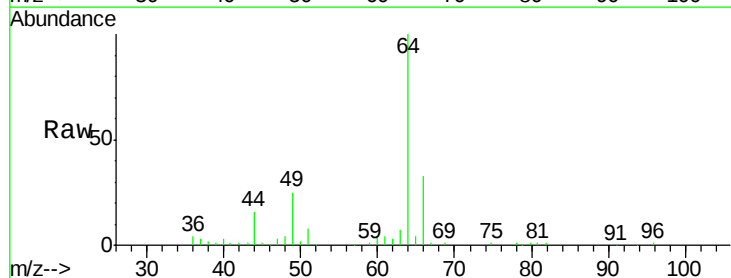
Acq: 25 Jun 2020 10:39

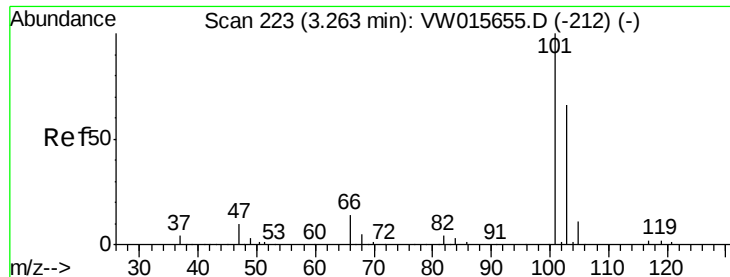
Tgt Ion: 64 Resp: 30205

Ion Ratio Lower Upper

64 100

66 33.3 25.3 37.9





#7

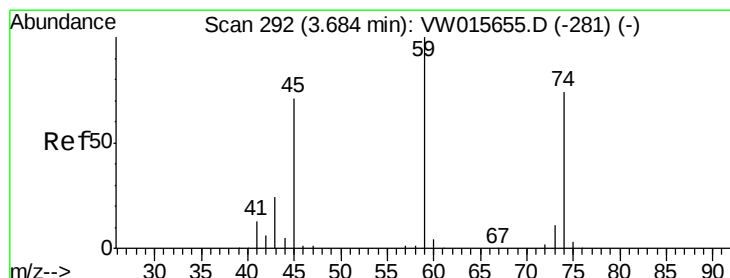
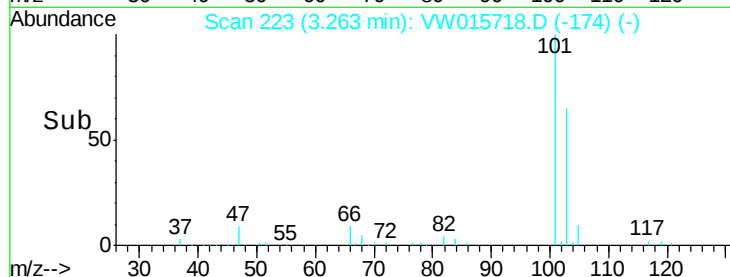
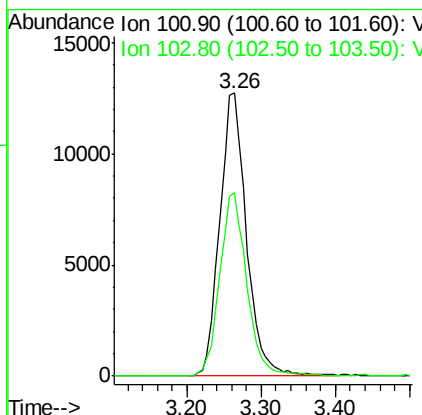
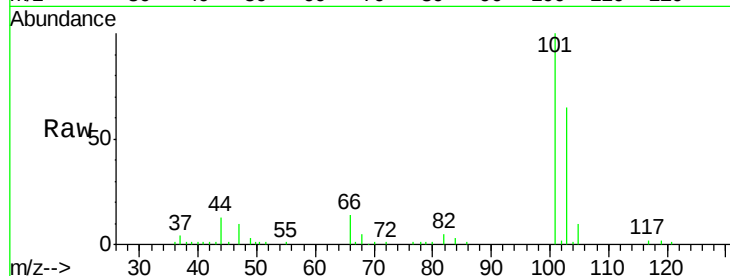
Trichlorofluoromethane
 Concen: 20.164 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Instrument :
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 ClientSampleId :
 VW0625SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.6	78.8

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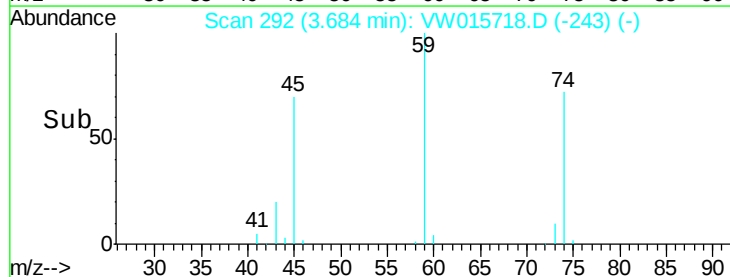
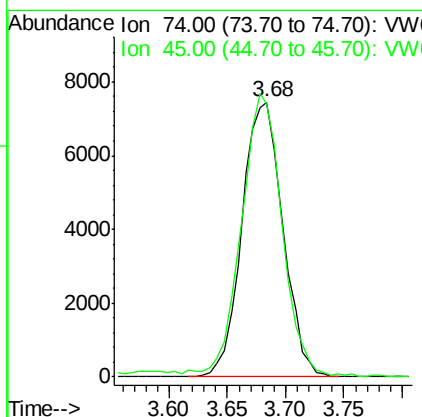
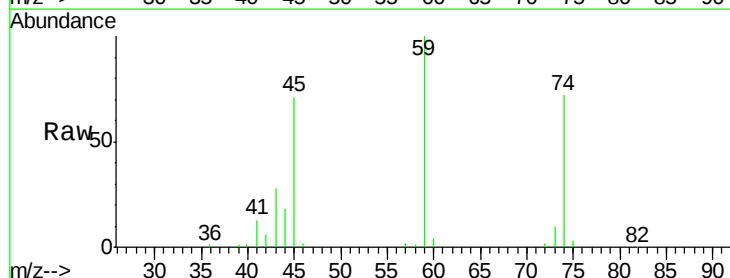
MMDadoda
 6/26/2020 11:21:18 AM

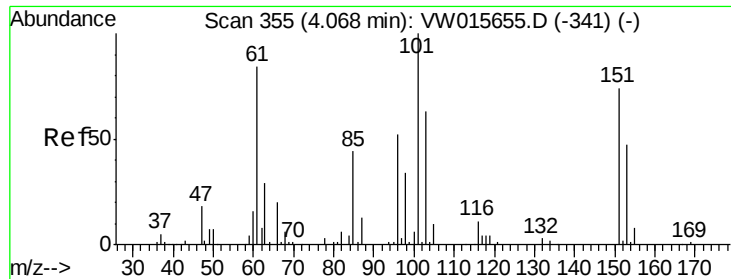


#8

Diethyl Ether
 Concen: 19.953 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.6	48.2	144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.455 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

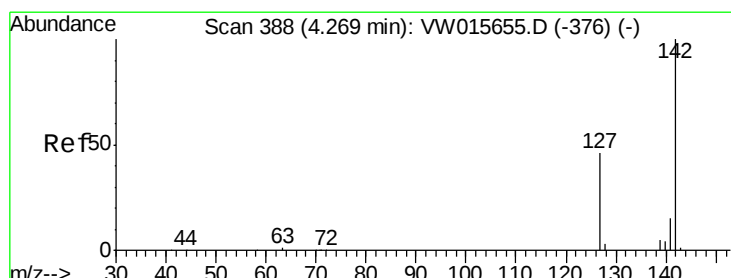
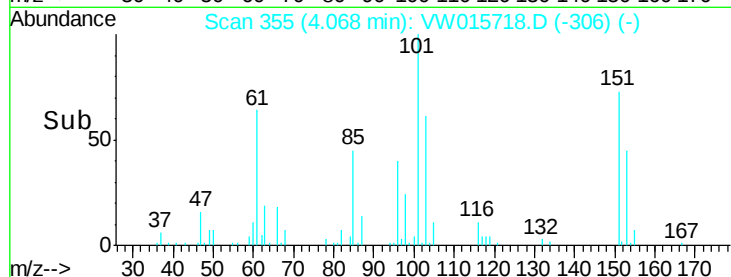
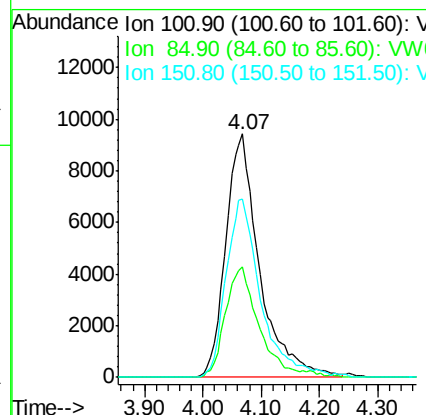
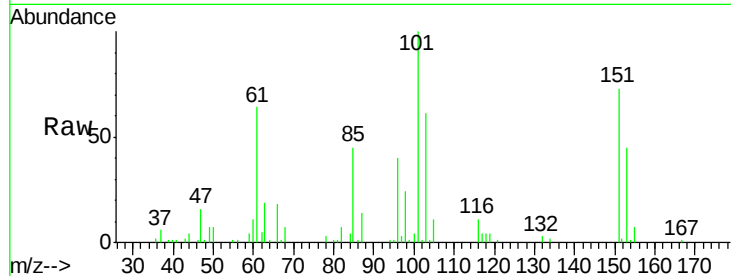
ClientSampleId :

VW0625SBS01

Tot Ion:	101	Resp:	38032
Ion Ratio	Lower	Upper	
101	100		
85	44.2	36.6	55.0
151	74.7	60.4	90.6

Manual Integrations
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#10

Methyl Iodide

Concen: 19.746 ug/l

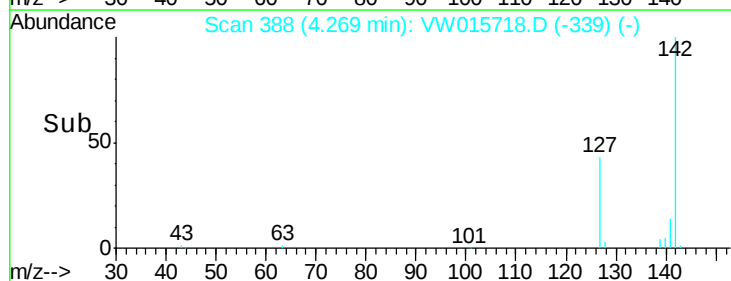
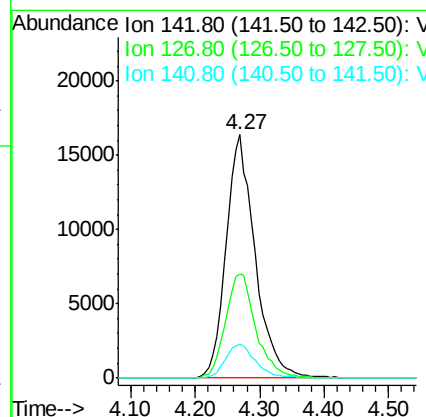
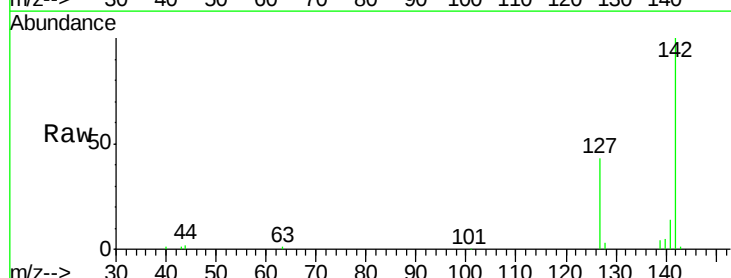
RT: 4.27 min Scan# 388

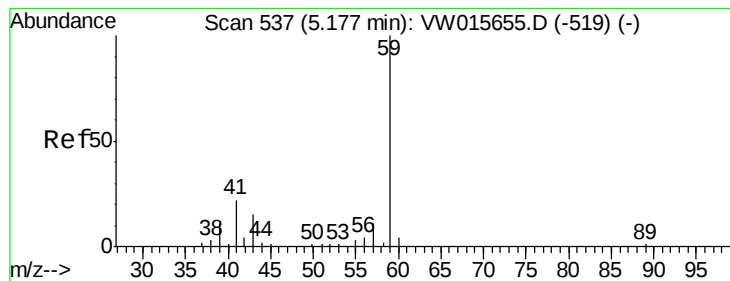
Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Tgt Ion:	142	Resp:	51911
Ion Ratio	Lower	Upper	
142	100		
127	44.6	36.4	54.6
141	14.4	11.6	17.4





#11

Tert butyl alcohol

Concen: 95.500 ug/l m

RT: 5.20 min Scan# 541

Delta R.T. 0.02 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

Tot Ion: 59 Resp: 13286

Ion Ratio Lower Upper

59 100

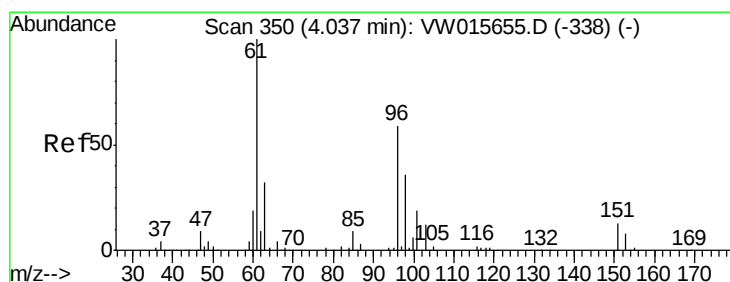
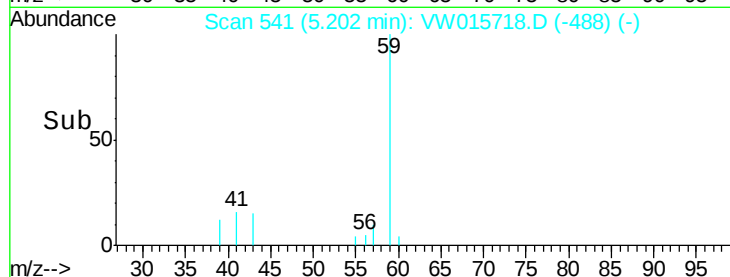
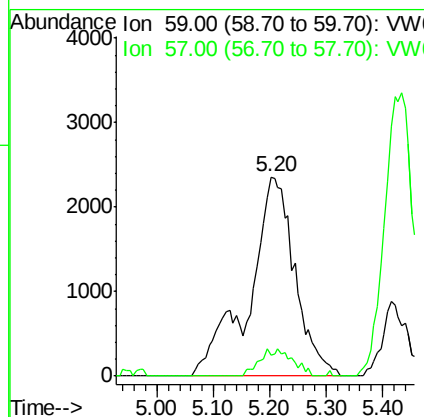
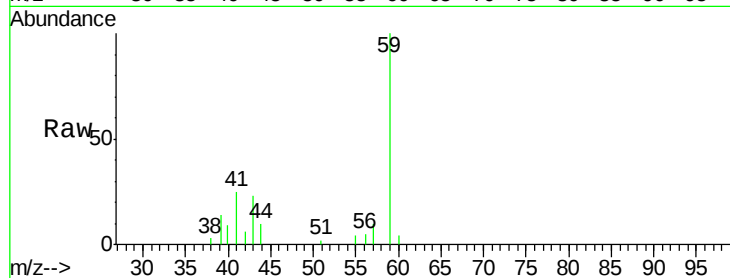
57 3.8 8.4 12.6#

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#12

1,1-Dichloroethene

Concen: 20.114 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

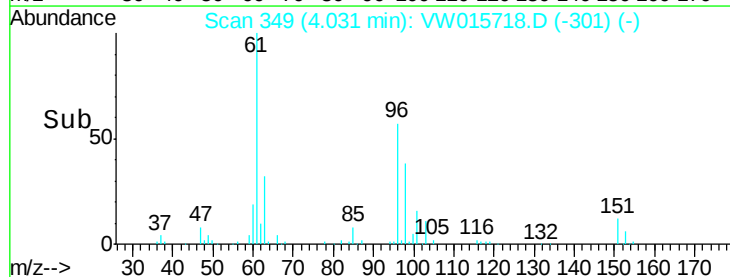
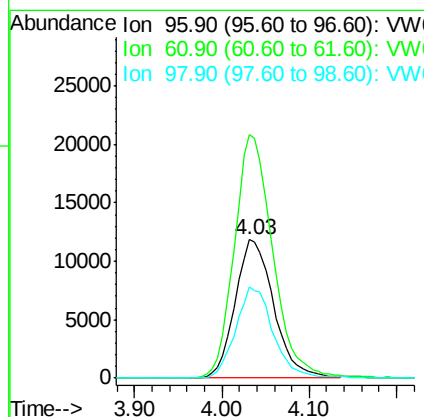
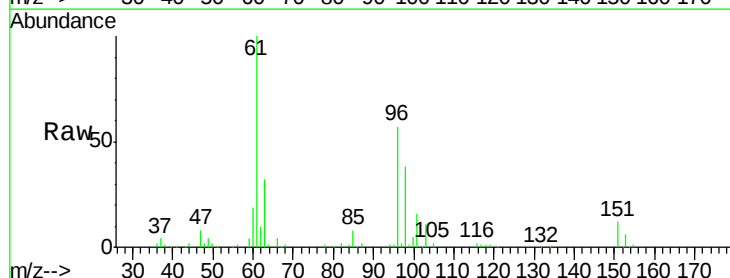
Tgt Ion: 96 Resp: 36414

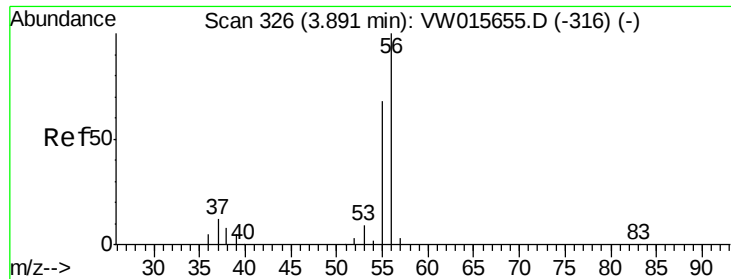
Ion Ratio Lower Upper

96 100

61 176.0 136.7 205.1

98 66.1 49.2 73.8





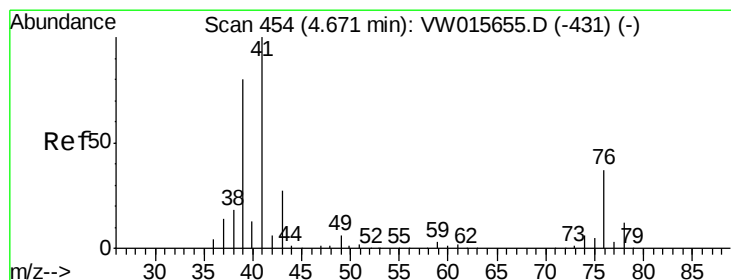
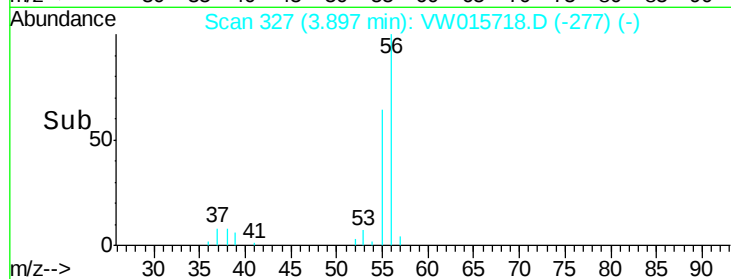
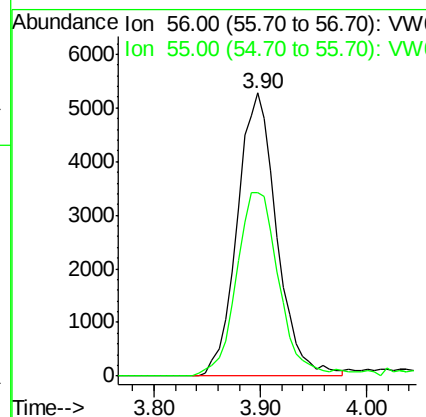
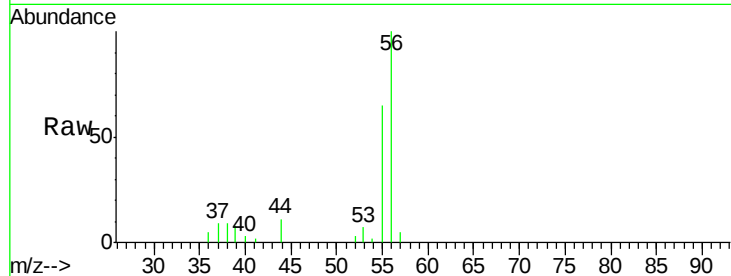
#13
Acrolein
Concen: 95.749 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.01 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion	56	55	Ratio	100	69.3	Resp Lower	13735	84.2
Ion	56	55	Ratio	100	69.3	Resp Lower	13735	84.2

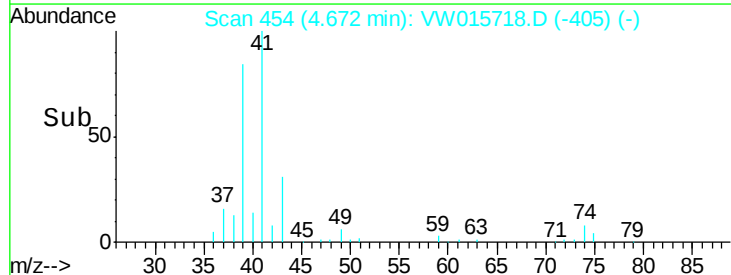
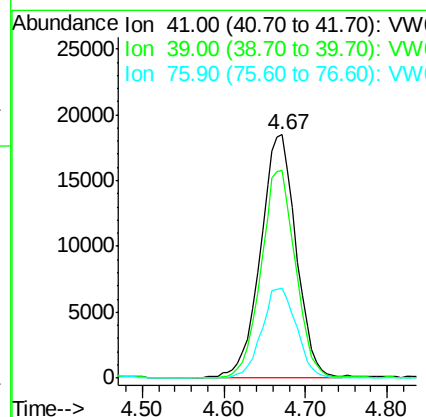
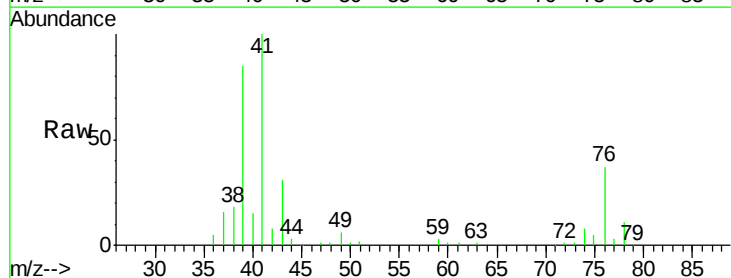
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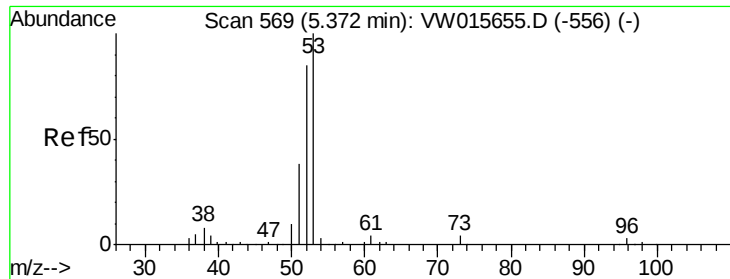
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#14
Allyl chloride
Concen: 19.179 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion	41	39	76	Ratio	100	82.5	35.7	Resp Lower	56332	43.7
Ion	41	39	76	Ratio	100	82.5	35.7	Resp Lower	56332	43.7





#15

Acrylonitrile

Concen: 97.126 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

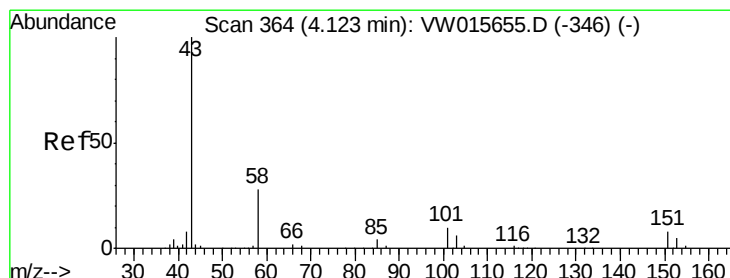
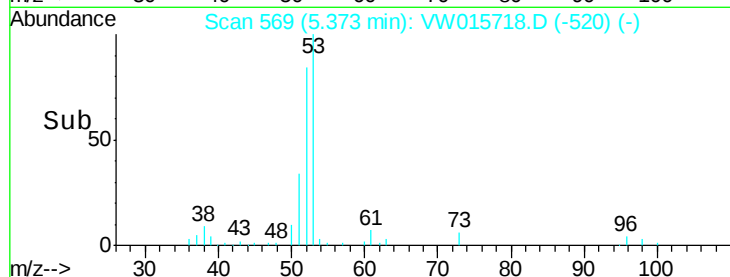
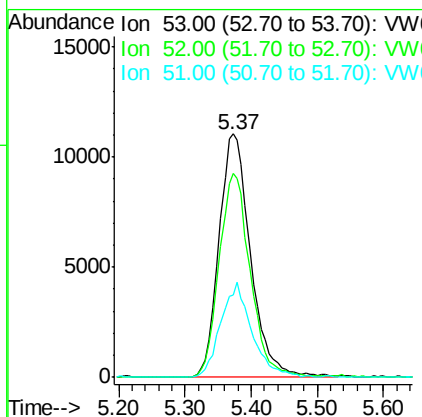
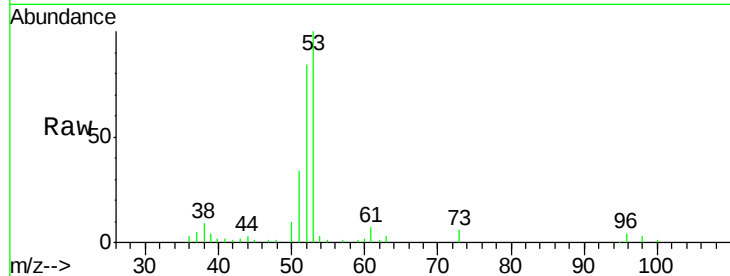
ClientSampleId :

VW0625SBS01

Tot Ion:	53	Resp:	36505
Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.8	98.6
51	38.4	30.7	46.1

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#16

Acetone

Concen: 93.474 ug/l

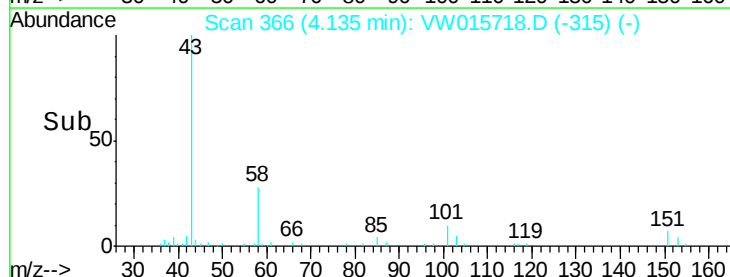
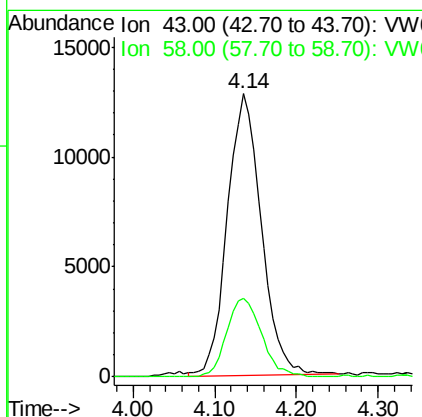
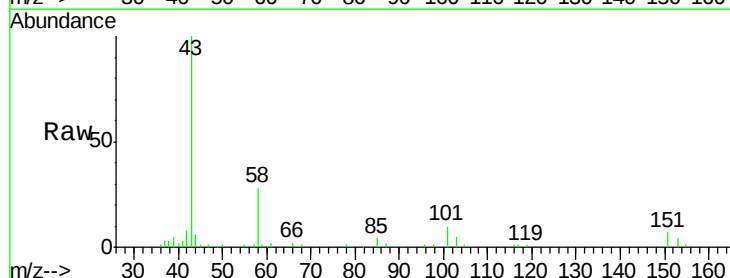
RT: 4.14 min Scan# 366

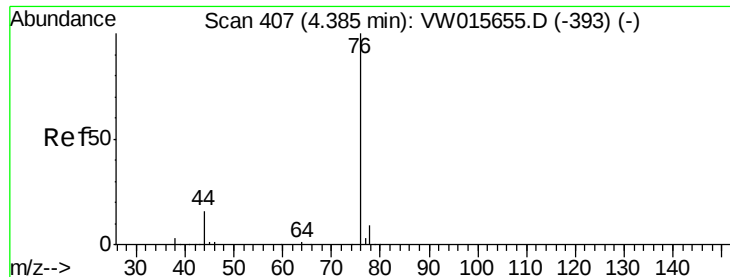
Delta R.T. 0.01 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Tgt Ion:	43	Resp:	36694
Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.6	33.8





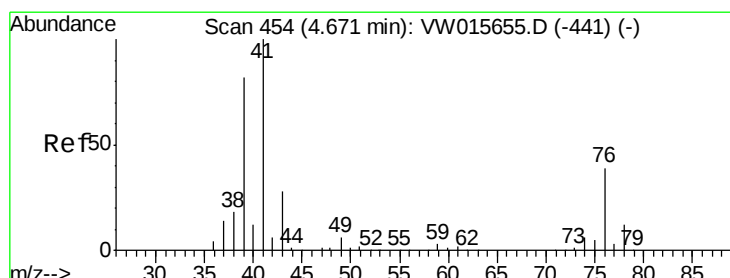
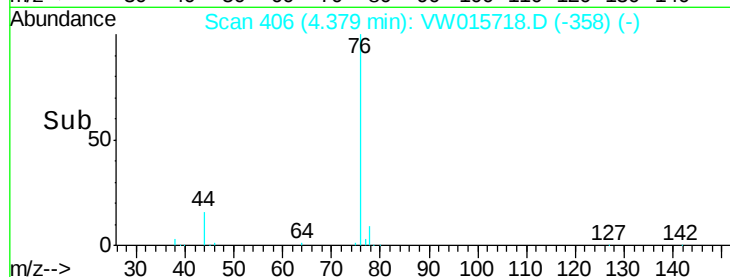
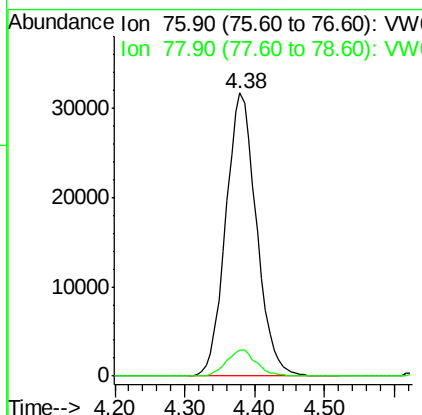
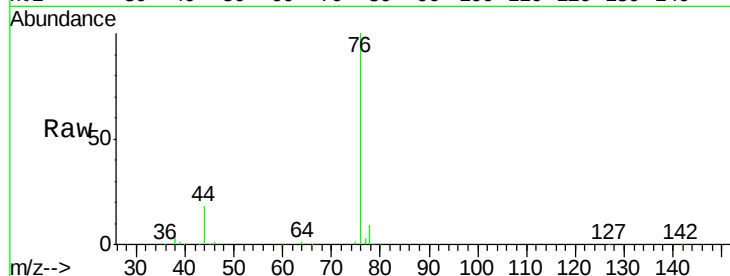
#17
Carbon Disulfide
Concen: 18.485 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

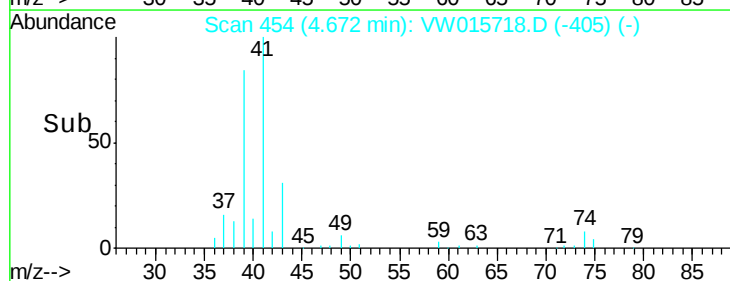
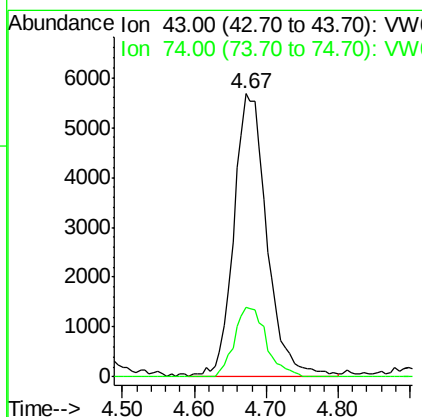
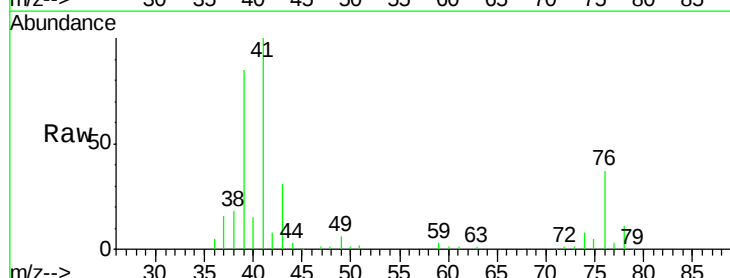
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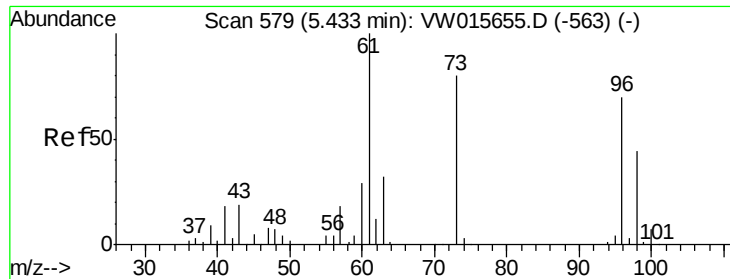
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#18
Methyl Acetate
Concen: 19.524 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.0	28.6





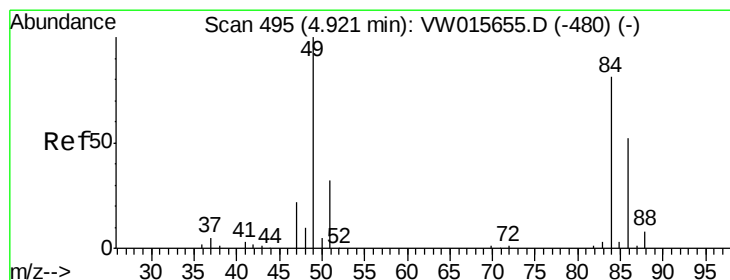
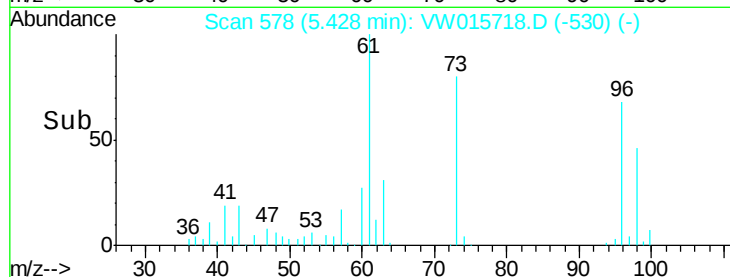
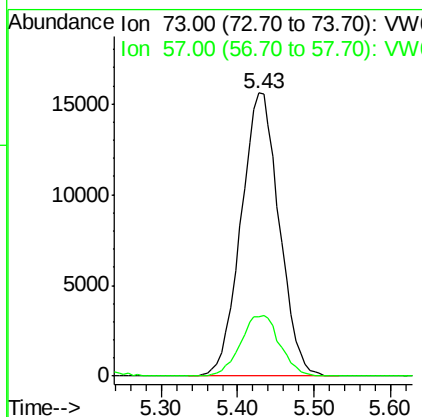
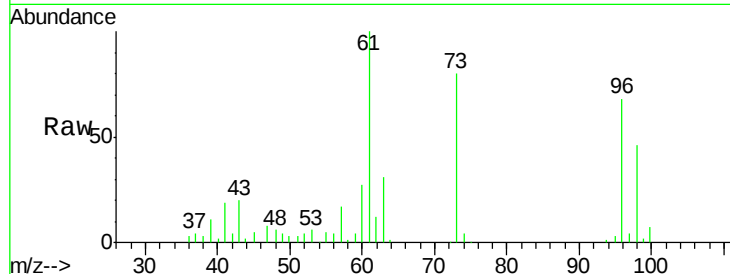
#19
Methvl tert-butvl Ether
Concen: 19.868 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion: 73 Resp: 54133
Ion Ratio Lower Upper
73 100
57 20.8 18.1 27.1

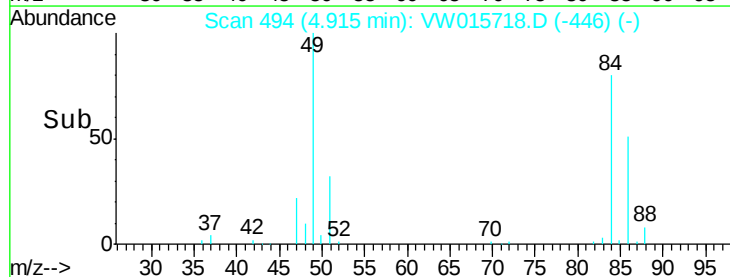
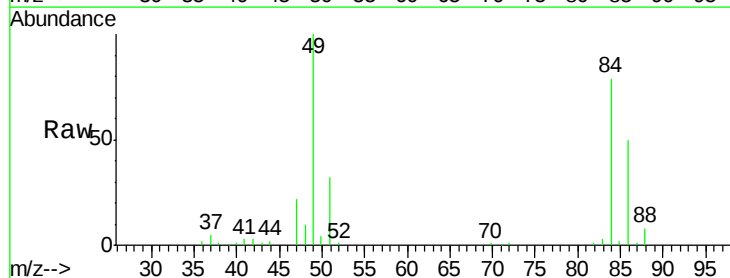
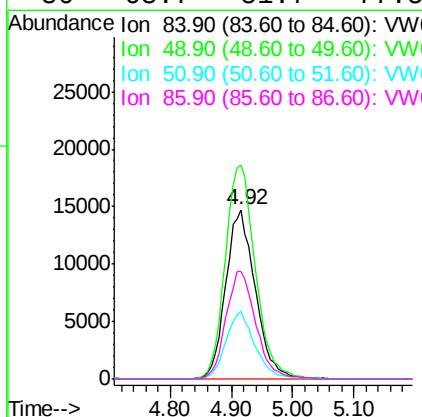
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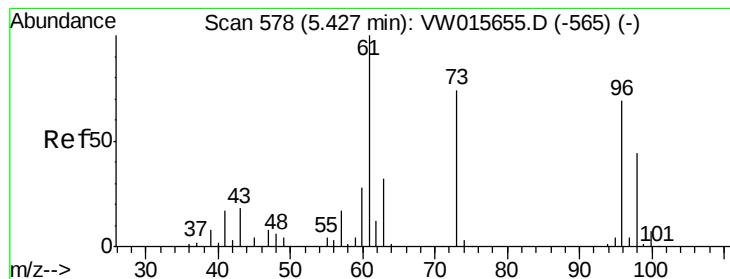
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#20
Methylene Chloride
Concen: 23.146 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion: 84 Resp: 48949
Ion Ratio Lower Upper
84 100
49 126.4 99.3 148.9
51 40.0 31.8 47.6
86 63.7 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 19.727 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampled :

VW0625SBS01

Tot Ion: 96 Resp: 40947

Ion Ratio Lower Upper

96 100

61 146.4 116.2 174.2

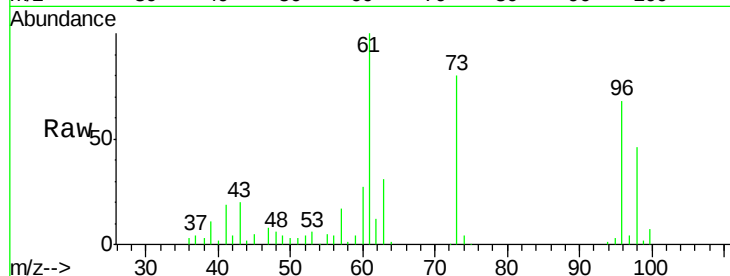
98 67.3 51.4 77.0

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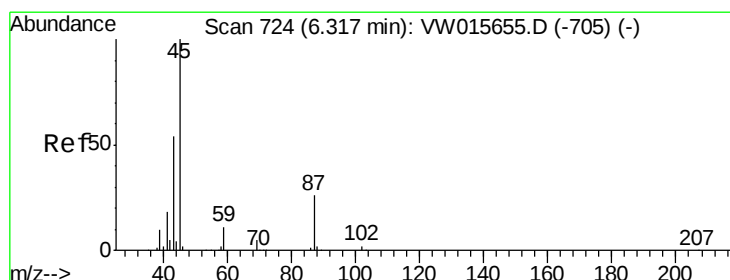
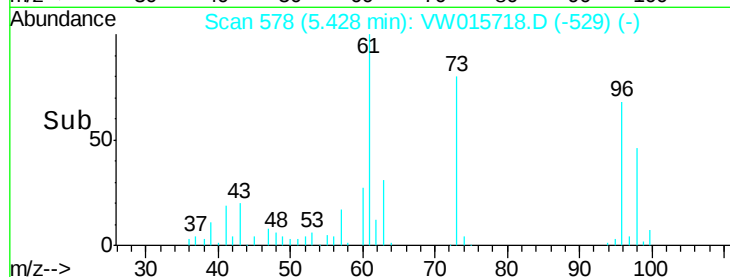
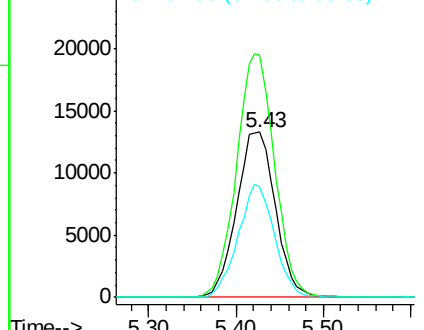


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 19.820 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Tgt Ion: 45 Resp: 115782

Ion Ratio Lower Upper

45 100

43 59.5 43.9 65.9

87 27.7 21.2 31.8

59 11.5 9.2 13.8

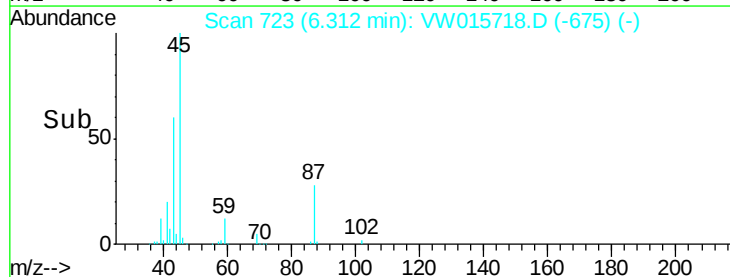
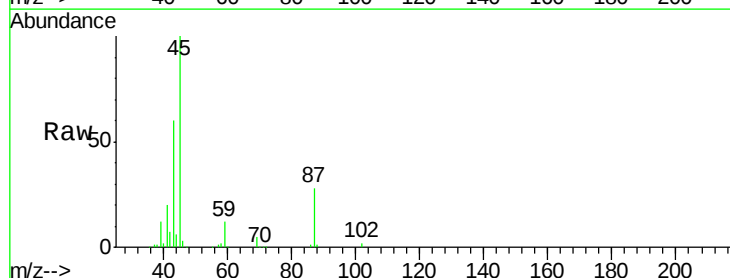
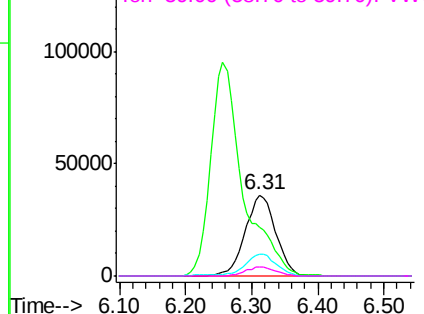
Abundance

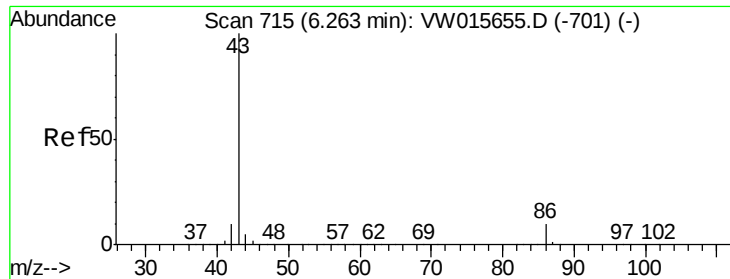
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 94.802 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

Tot Ion: 43 Resp: 322959

Ion Ratio Lower Upper

43 100

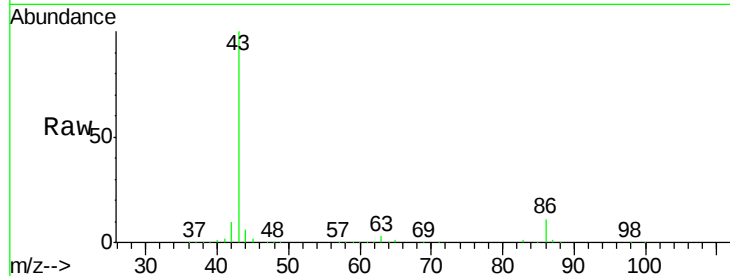
86 10.5 8.3 12.5

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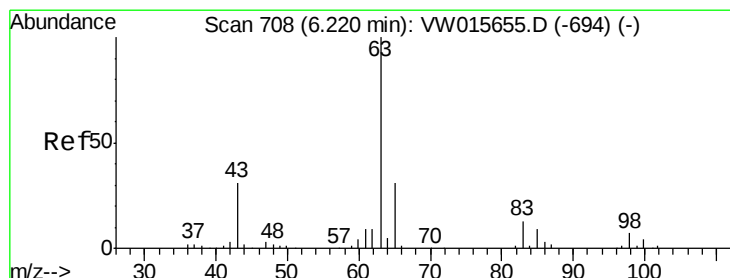
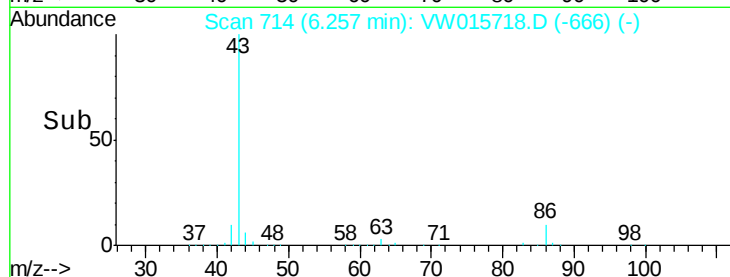
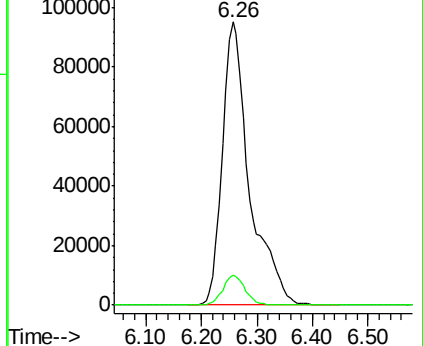
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.254 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

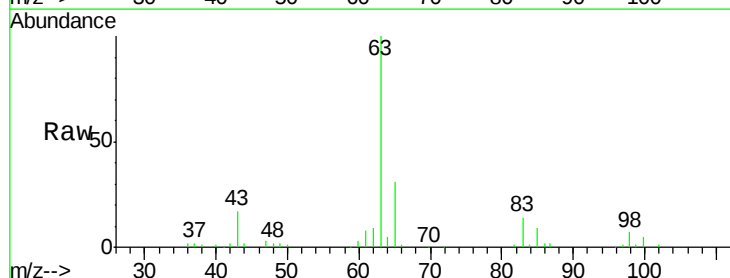
Tgt Ion: 63 Resp: 74478

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

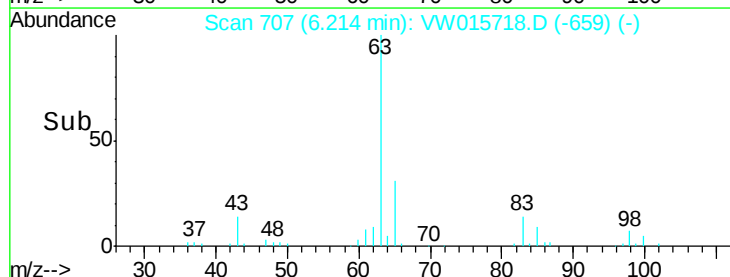
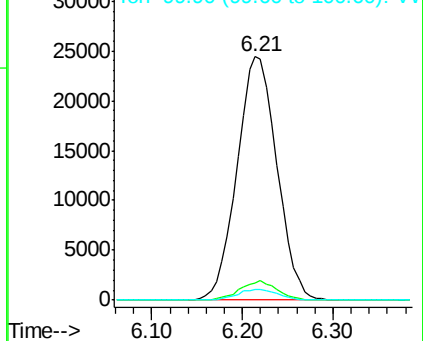
100 4.6 2.1 6.3

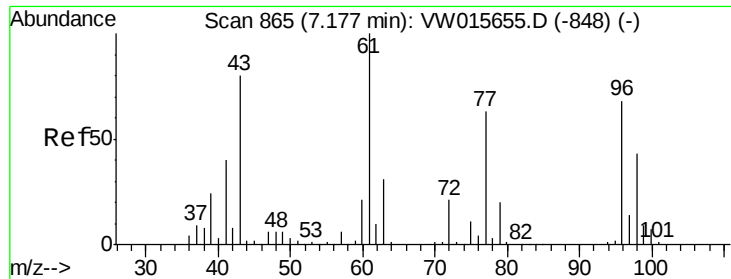


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 92.349 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

Tot Ion: 43 Resp: 48996

Ion Ratio Lower Upper

43 100

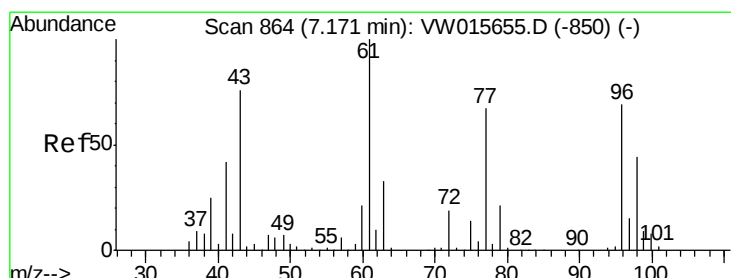
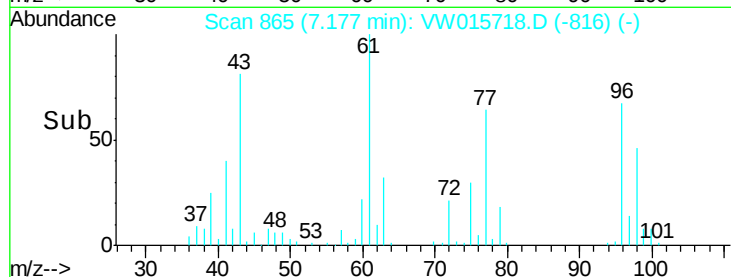
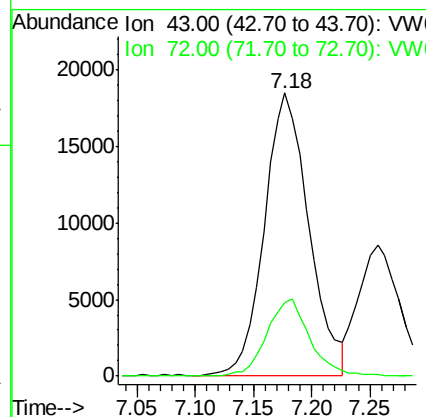
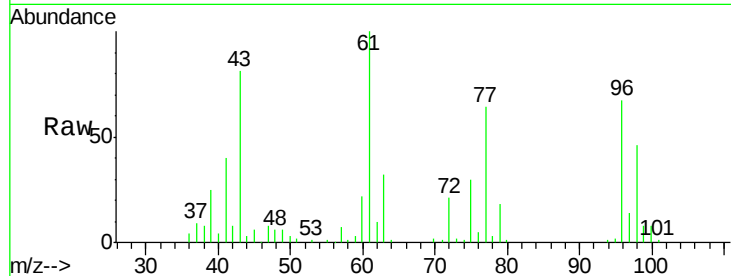
72 26.0 21.1 31.7

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#26

2,2-Dichloropropane

Concen: 19.003 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015718.D

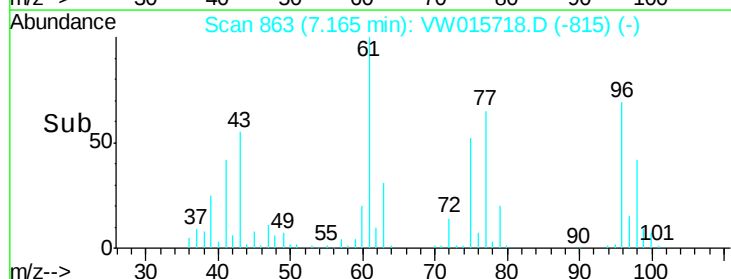
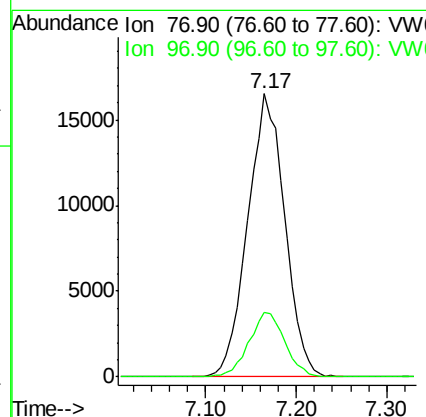
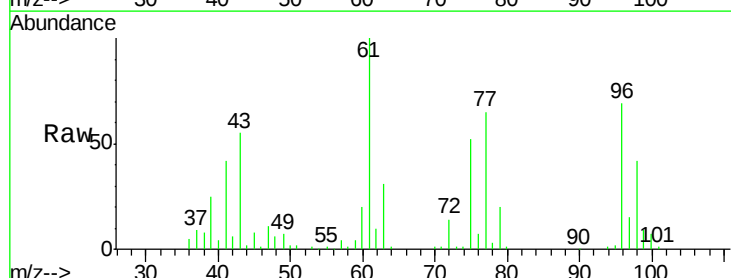
Acq: 25 Jun 2020 10:39

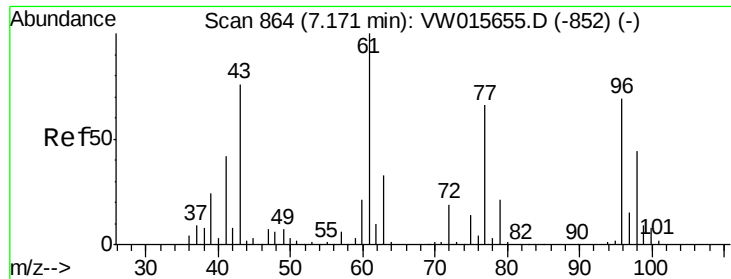
Tgt Ion: 77 Resp: 46869

Ion Ratio Lower Upper

77 100

97 21.9 11.2 33.5





#27

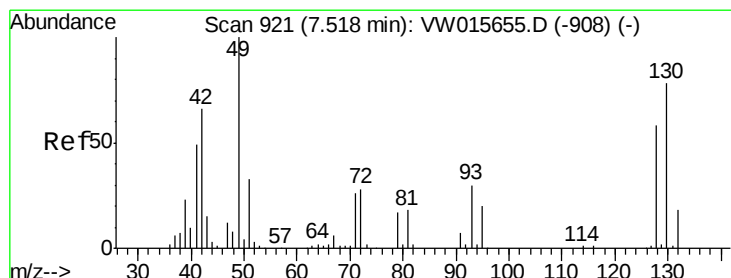
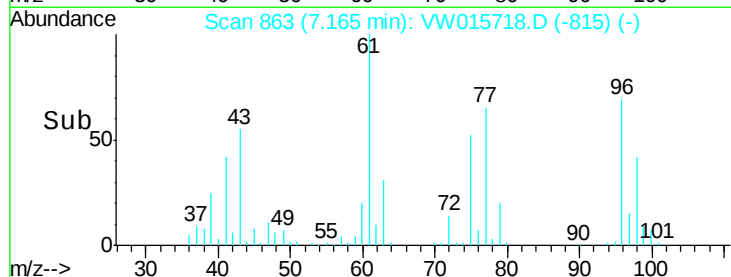
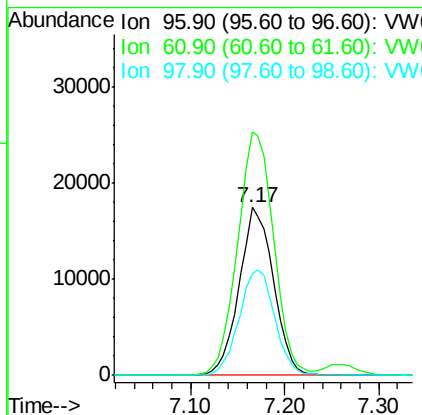
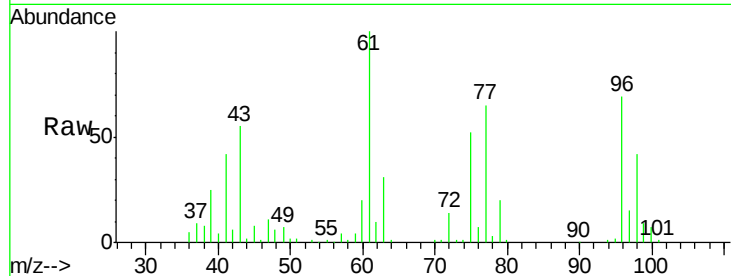
cis-1,2-Dichloroethene
Concen: 19.801 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.3	0.0	296.8
98	65.0	0.0	128.0

Manual Integrations
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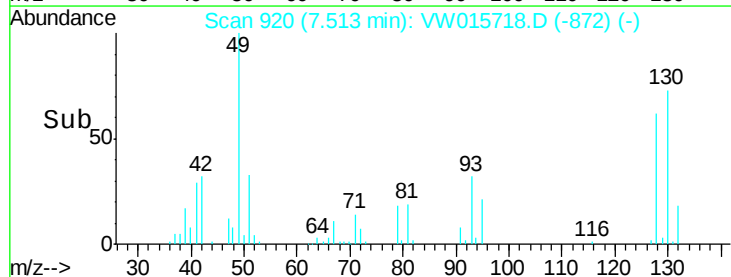
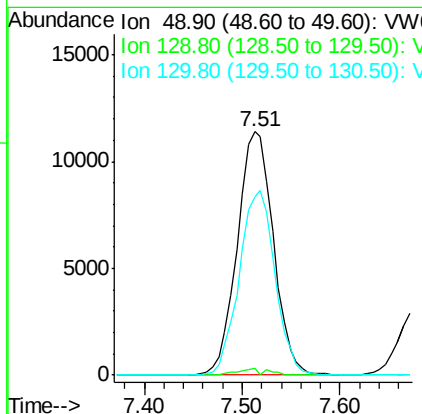
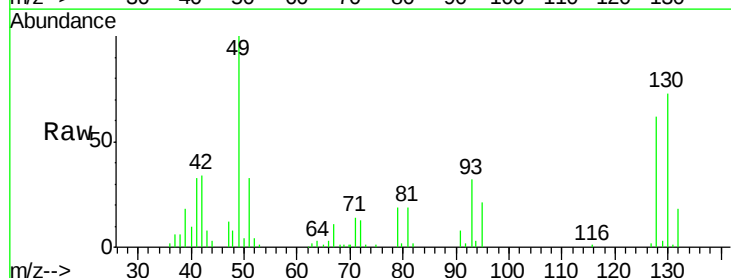
MMDadoda
6/26/2020 11:21:18 AM

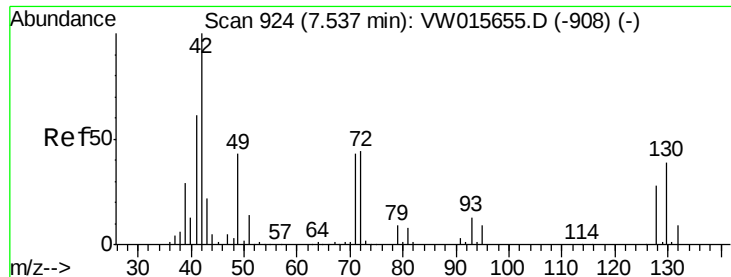


#28

Bromochloromethane
Concen: 20.651 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	2.2
130	0.0	61.0	91.4#





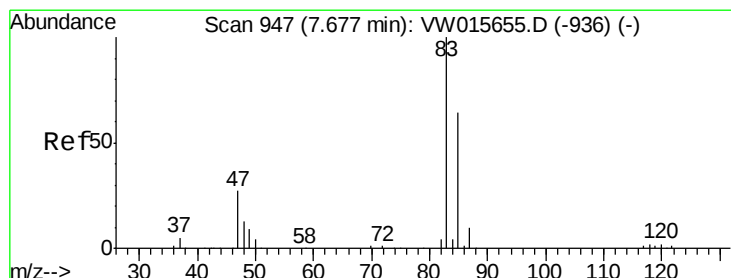
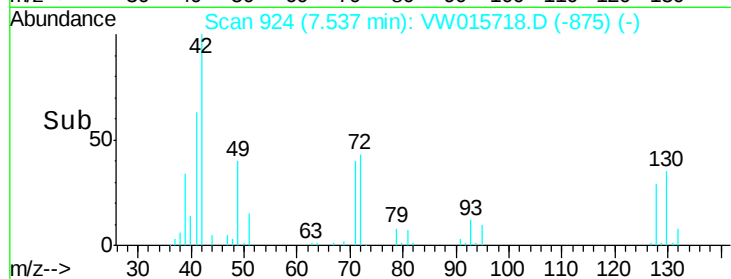
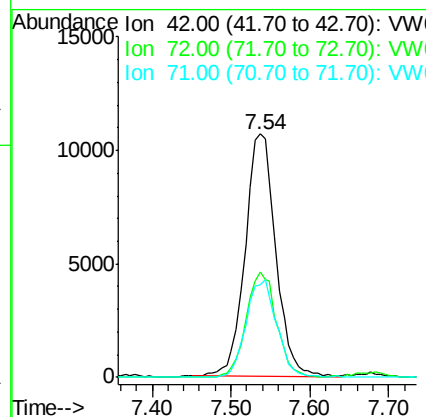
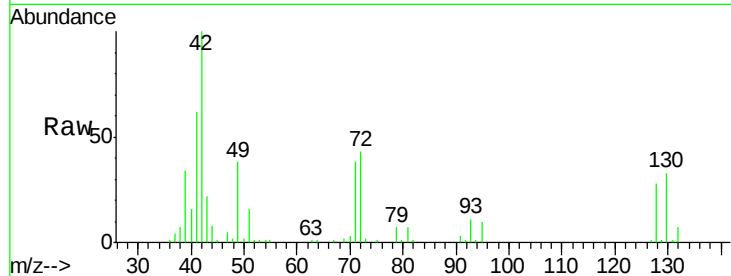
#29
Tetrahydrofuran
Concen: 92.855 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	35.0	52.6
71	40.1	32.6	49.0

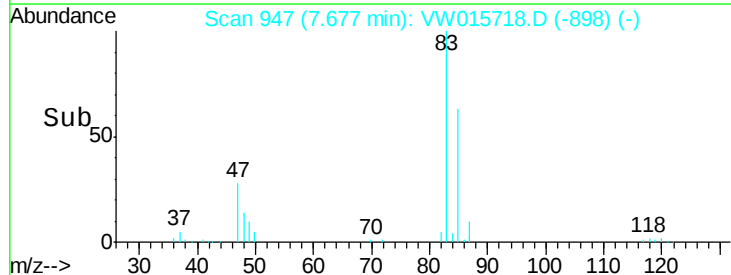
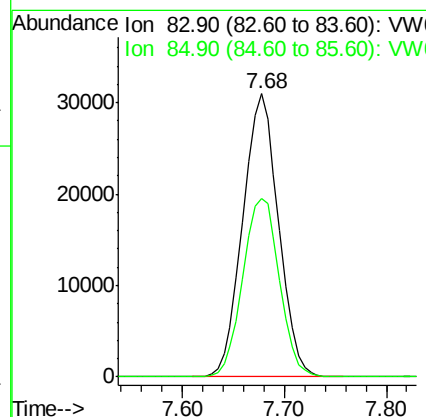
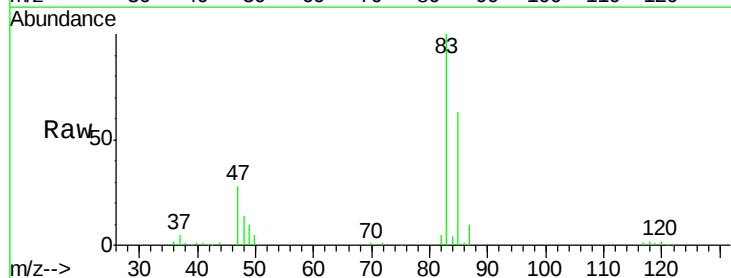
Manual Integrations
APPROVED

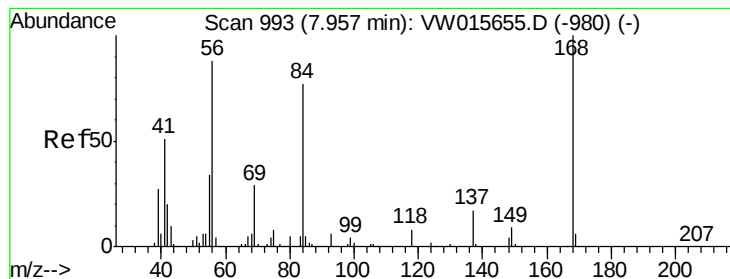
MMDadoda
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#30
Chloroform
Concen: 19.969 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.0	76.4





#31

Cyclohexane

Concen: 19.470 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

Tot Ion: 56 Resp: 69257

Ion Ratio Lower Upper

56 100

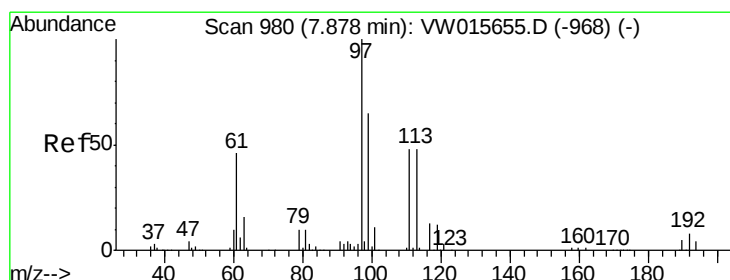
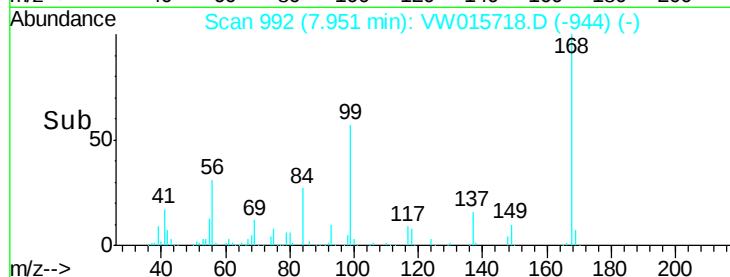
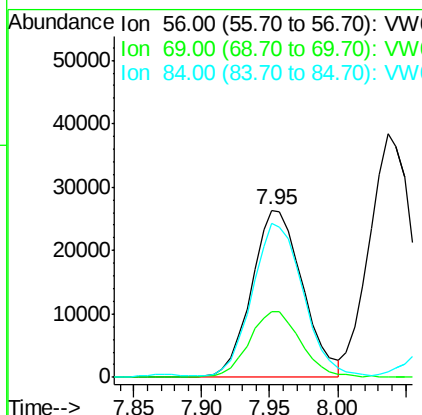
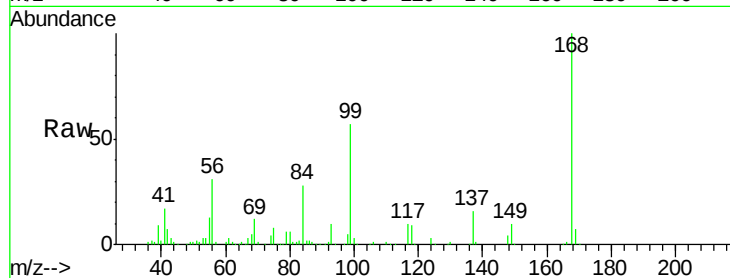
69 39.6 26.2 39.4#

84 90.6 70.4 105.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.075 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

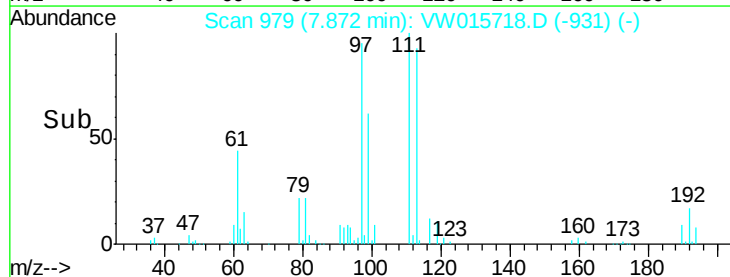
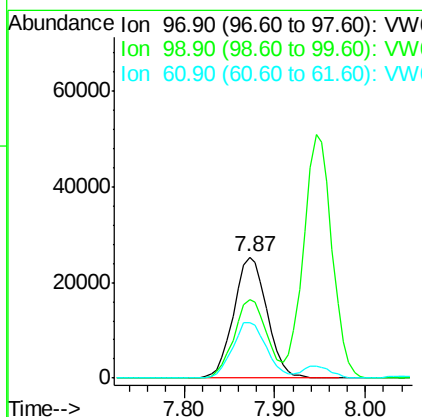
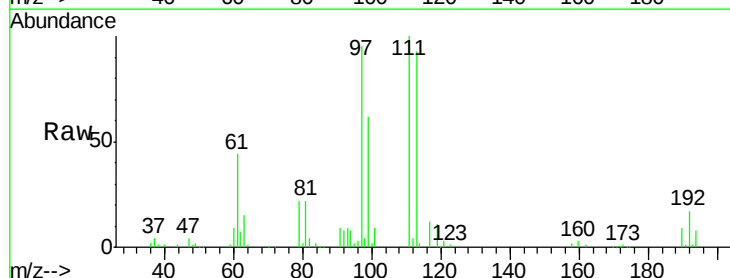
Tgt Ion: 97 Resp: 64534

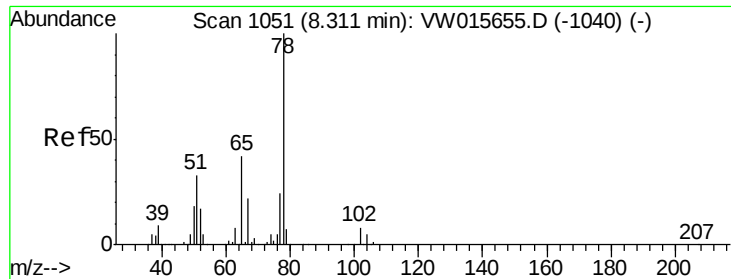
Ion Ratio Lower Upper

97 100

99 64.3 51.9 77.9

61 46.2 37.3 55.9





#33

1,2-Dichloroethane-d4

Concen: 48.830 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampled :

VW0625SBS01

Tot Ion: 65 Resp: 100832

Ion Ratio Lower Upper

65 100

67 50.1

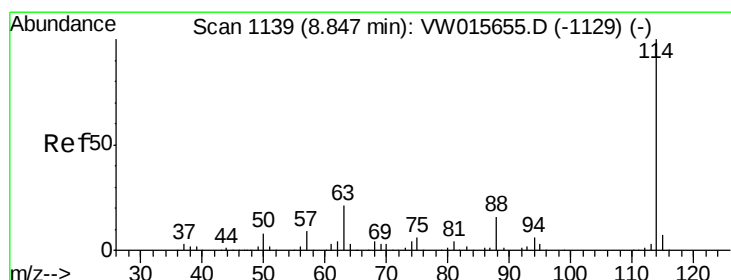
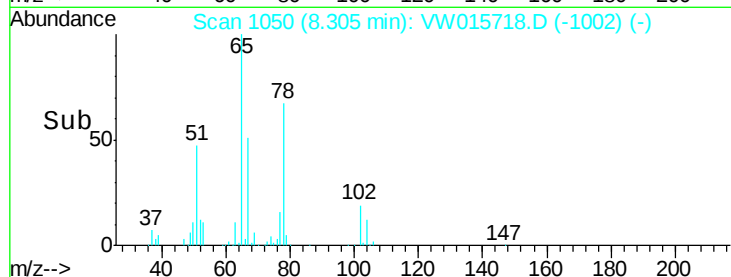
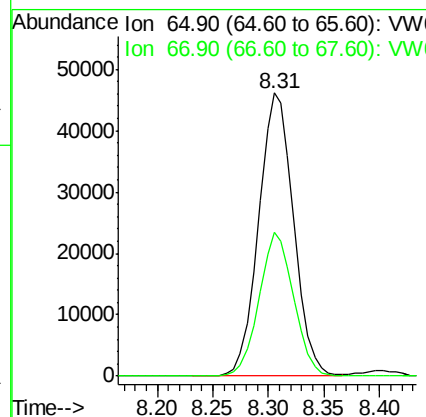
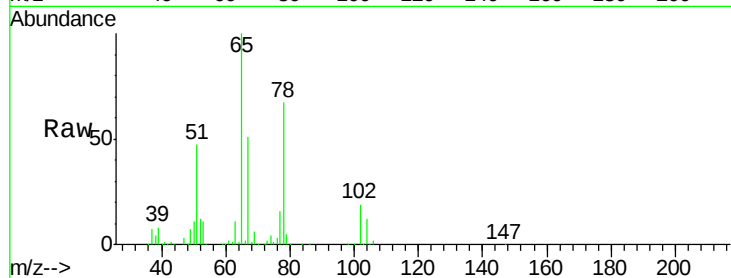
0.0 102.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Tgt Ion: 114 Resp: 291450

Ion Ratio Lower Upper

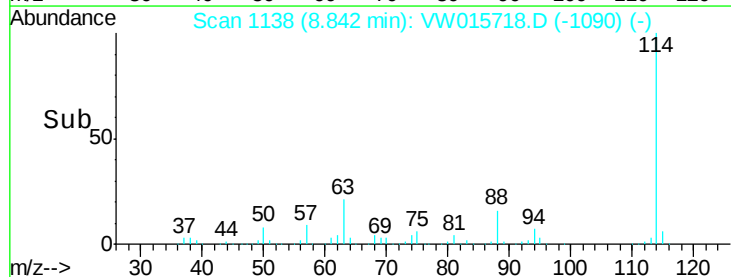
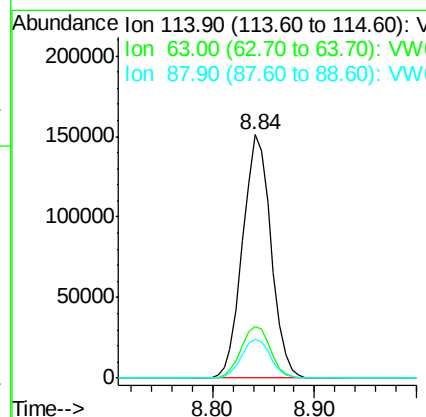
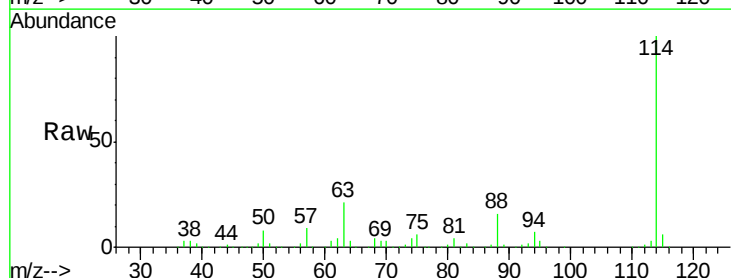
114 100

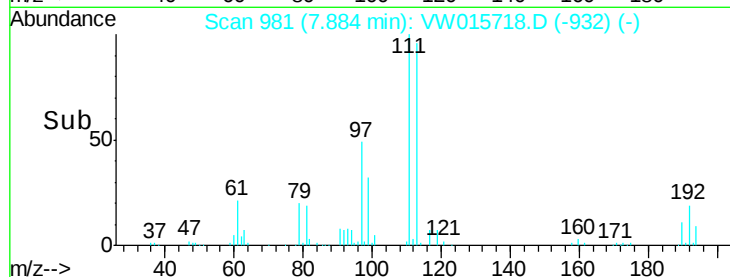
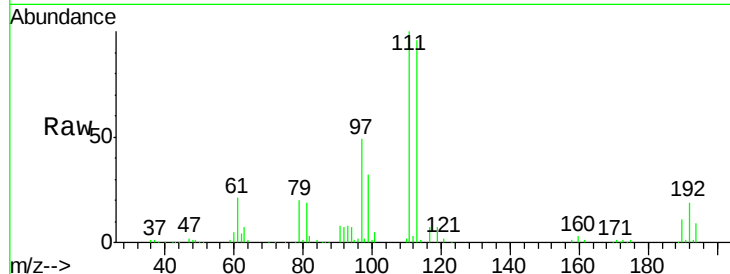
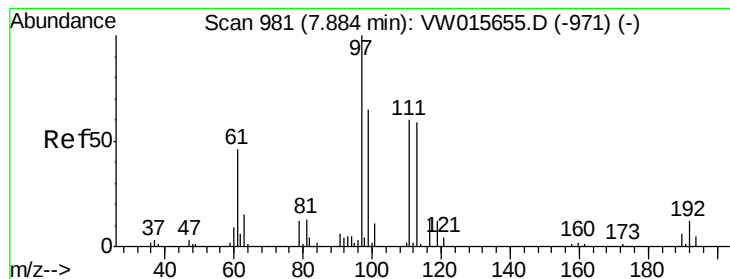
63 21.1

0.0 42.4

88 16.0

0.0 32.6





#35

Dibromofluoromethane

Concen: 49.118 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015718.D

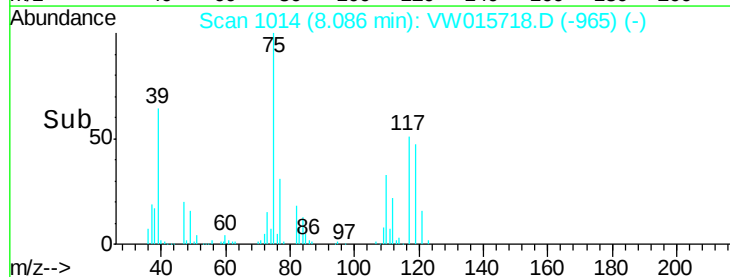
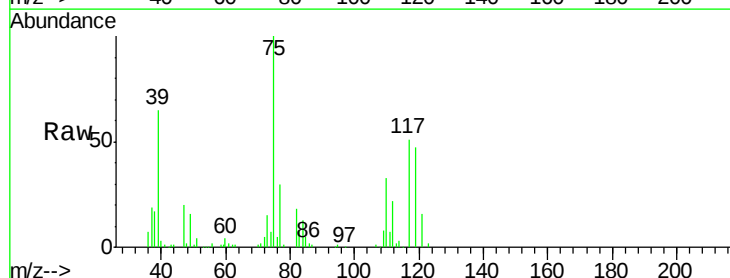
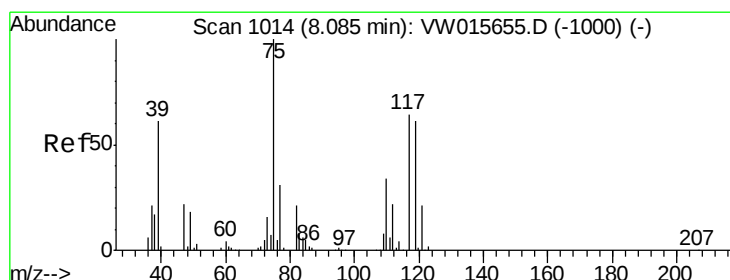
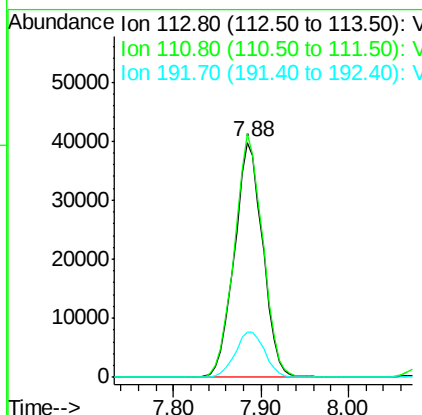
Acq: 25 Jun 2020 10:39

Tot Ion:	113	Resp:	90048
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.3	123.5
192	20.2	16.4	24.6

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

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#36

1,1-Dichloropropene

Concen: 20.586 ug/l

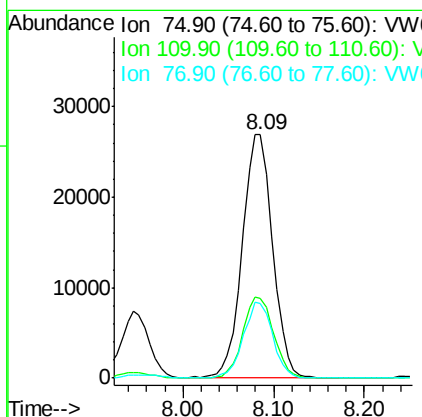
RT: 8.09 min Scan# 1014

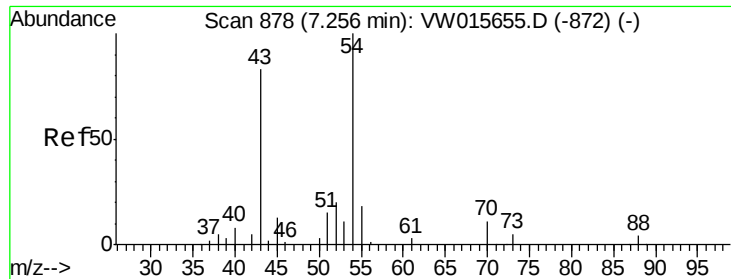
Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Tgt Ion:	75	Resp:	62404
Ion	Ratio	Lower	Upper
75	100		
110	33.6	17.0	51.0
77	30.2	24.6	36.8





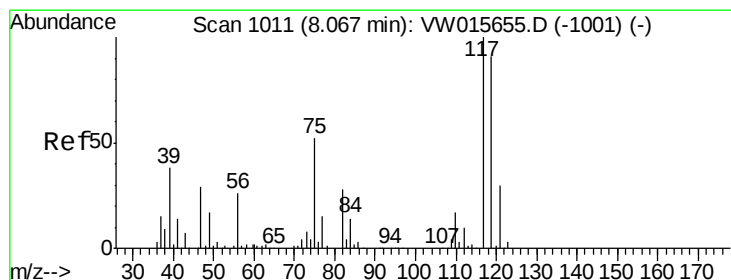
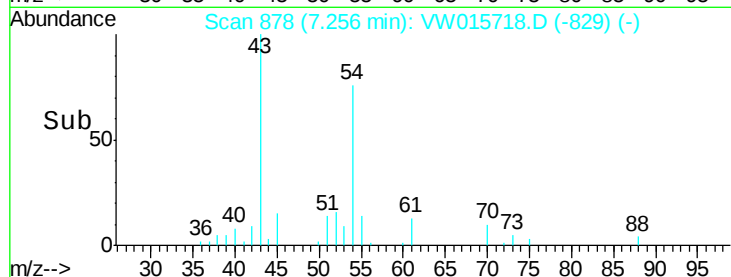
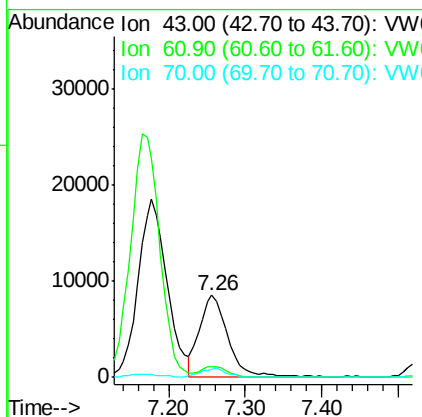
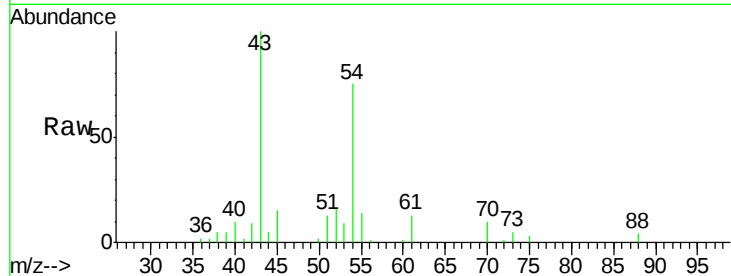
#37
Ethyl Acetate
Concen: 18.764 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.4	15.6
70	10.1	8.4	12.6

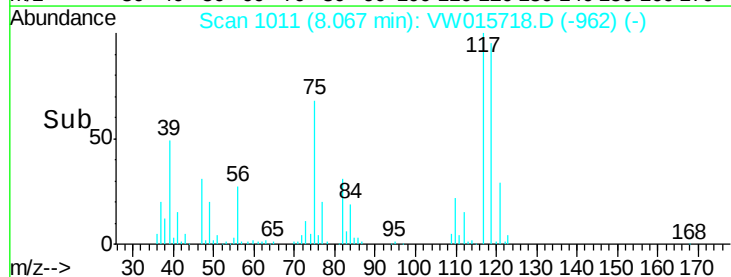
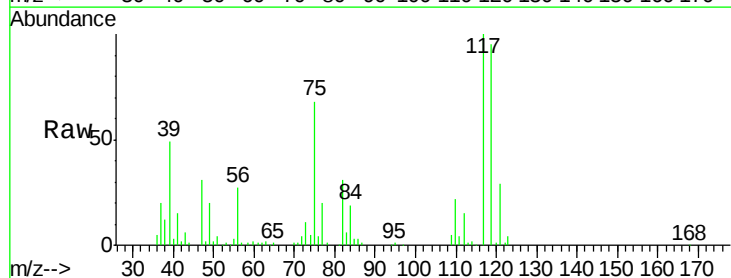
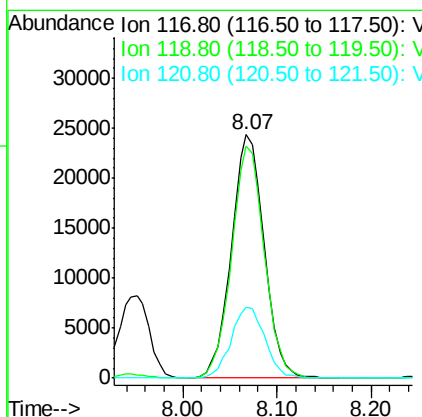
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#38
Carbon Tetrachloride
Concen: 20.064 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	73.2	109.8
121	28.9	23.9	35.9





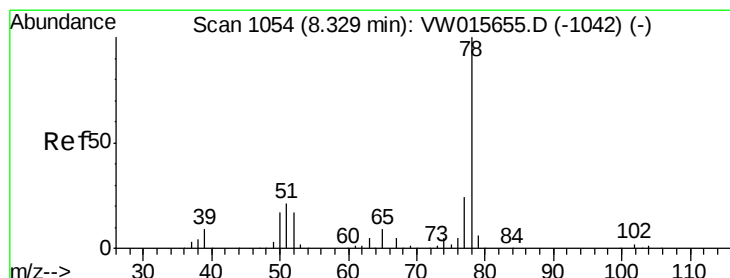
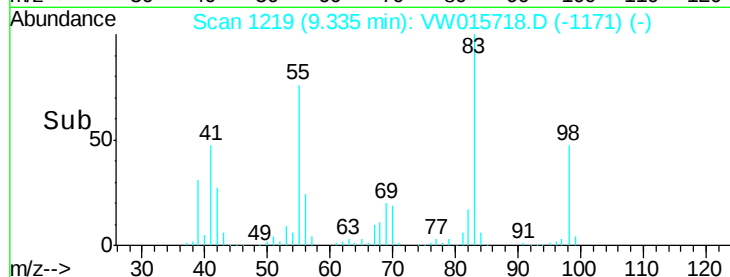
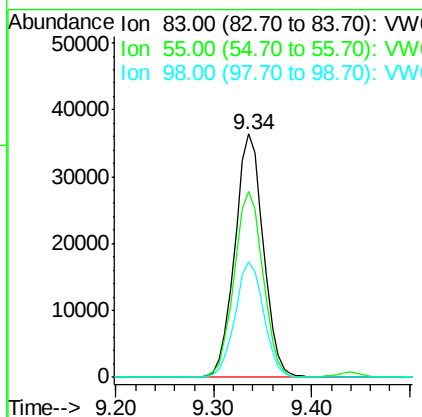
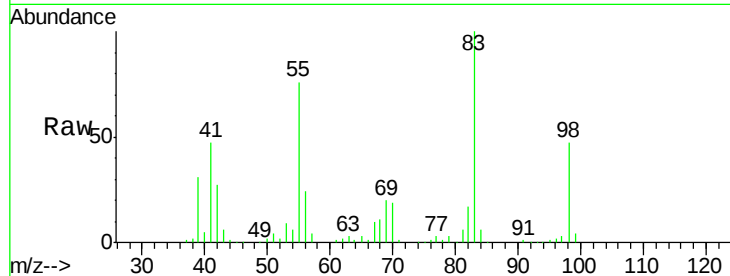
#39
Methvlcvclohexane
Concen: 20.036 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.3	62.8	94.2
98	47.4	39.9	59.9

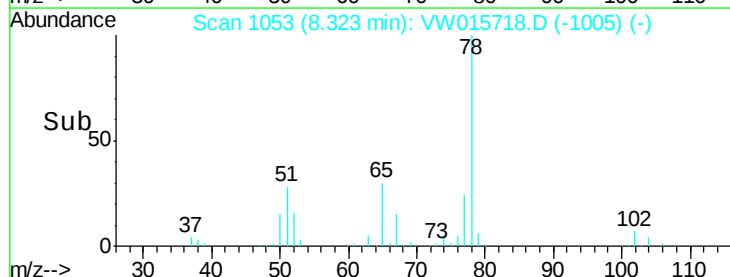
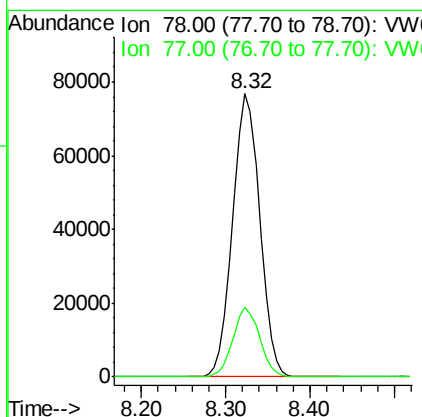
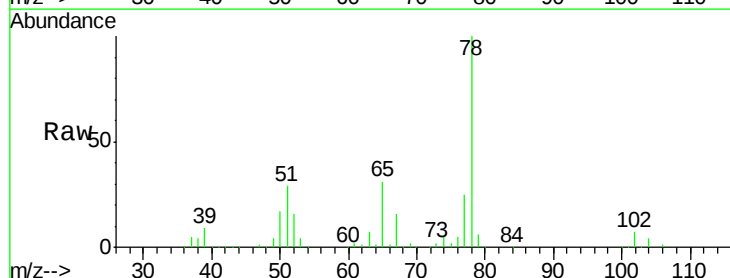
Manual Integrations
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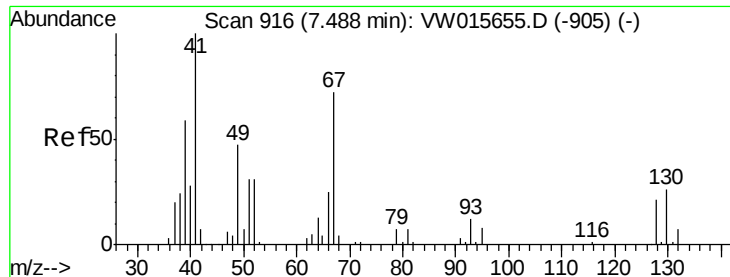
MMDadoda
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#40
Benzene
Concen: 20.292 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.3	28.9





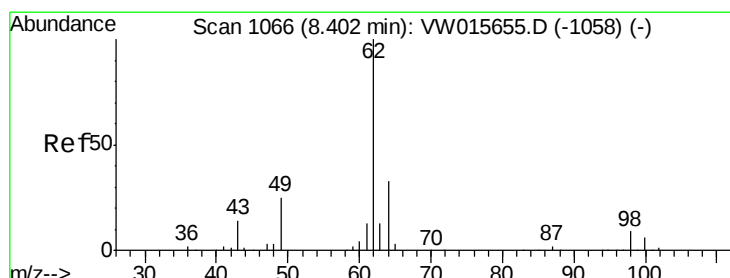
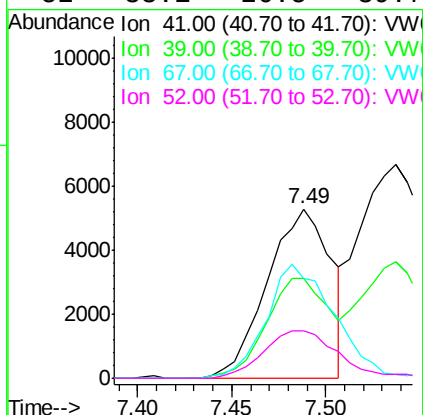
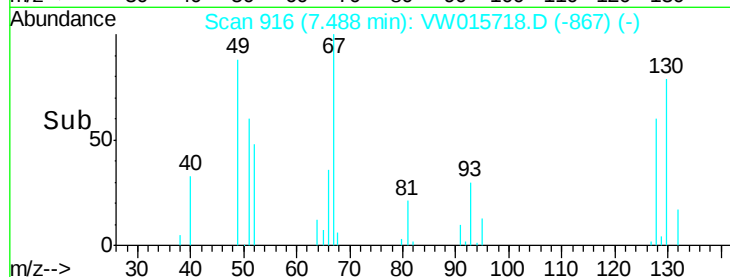
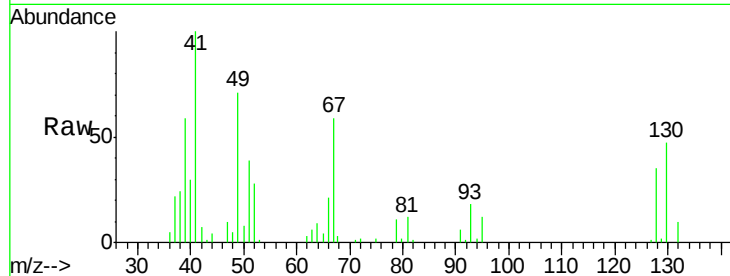
#41
Methacrylonitrile
Concen: 18.656 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion	41	Resp	12393
Ion Ratio	Lower	Upper	
41	100		
39	58.2	52.0	78.0
67	72.3	57.5	86.3
52	33.1	26.5	39.7

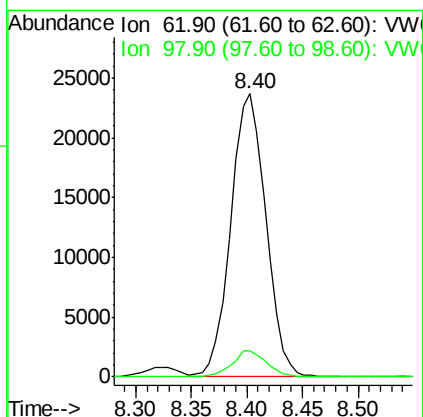
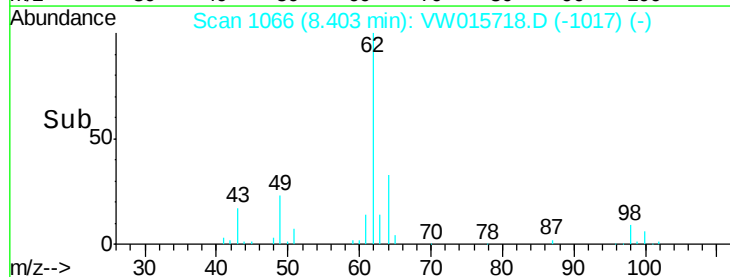
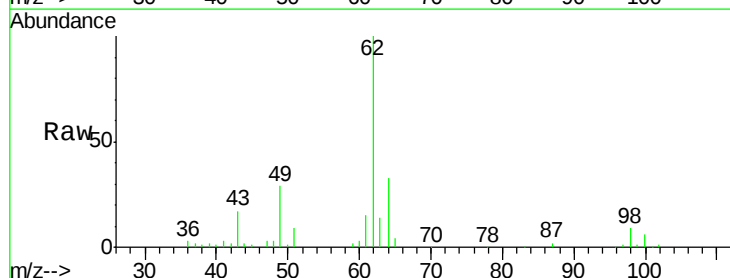
Manual Integrations
APPROVED

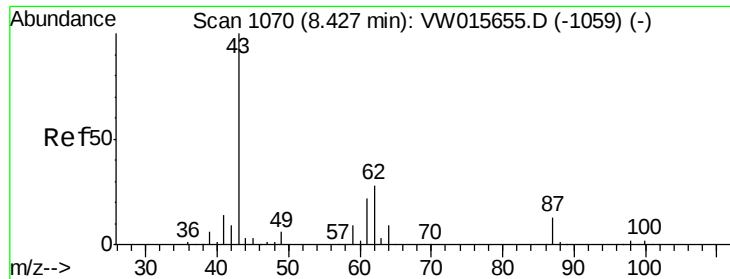
MMDadoda
6/26/2020 11:21:18 AM



#42
1,2-Dichloroethane
Concen: 20.304 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion	62	Resp	51775
Ion Ratio	Lower	Upper	
62	100		
98	8.8	0.0	17.4





#43

Isopropyl Acetate

Concen: 18.552 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

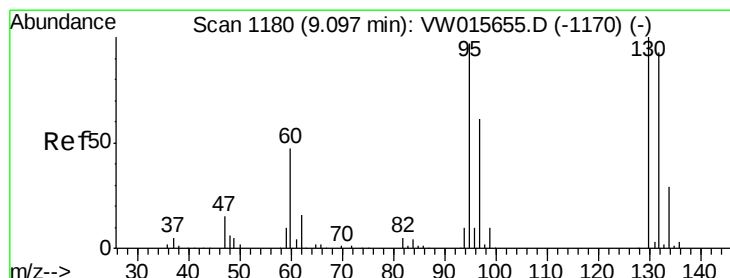
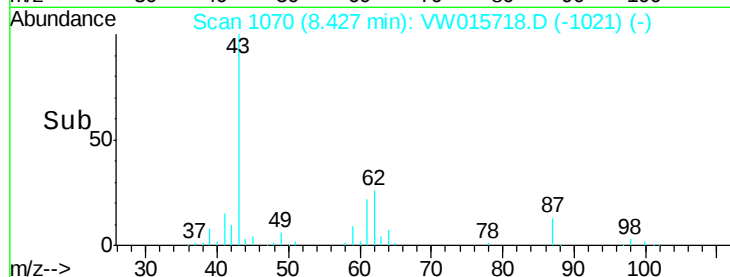
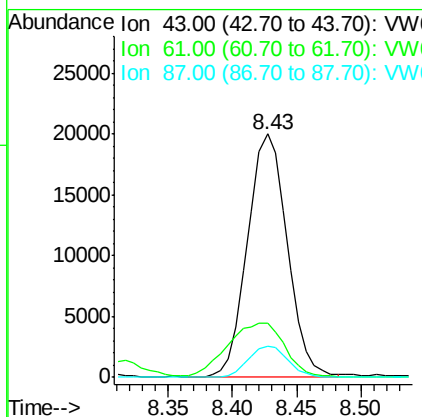
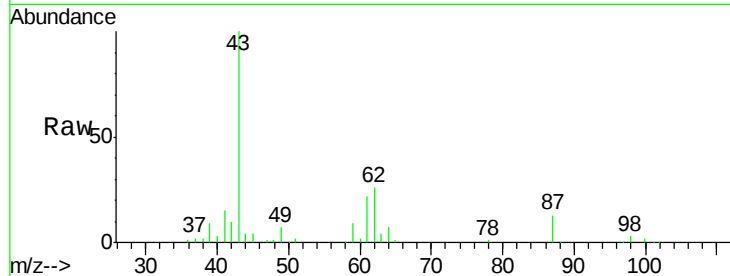
ClientSampleId :

VW0625SBS01

Tot Ion:	43	Resp:	42851
Ion	Ratio	Lower	Upper
43	100		
61	32.3	24.7	37.1
87	12.9	10.2	15.2

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#44

Trichloroethene

Concen: 19.852 ug/l

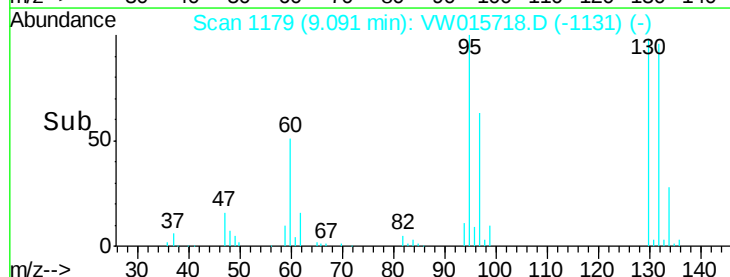
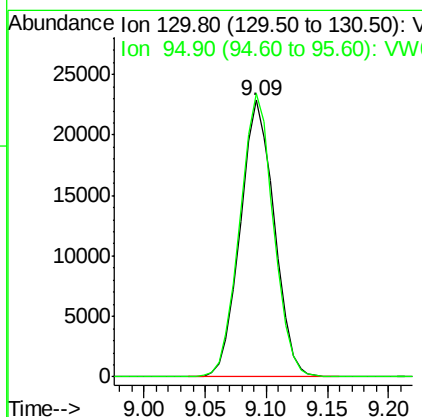
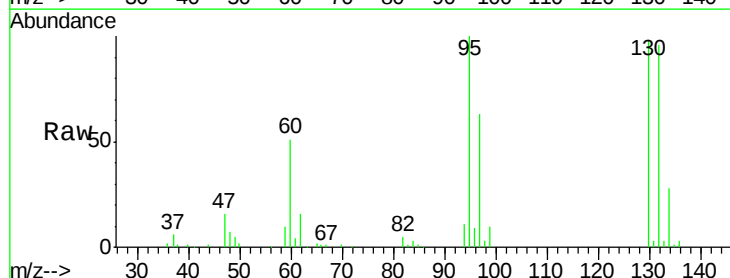
RT: 9.09 min Scan# 1179

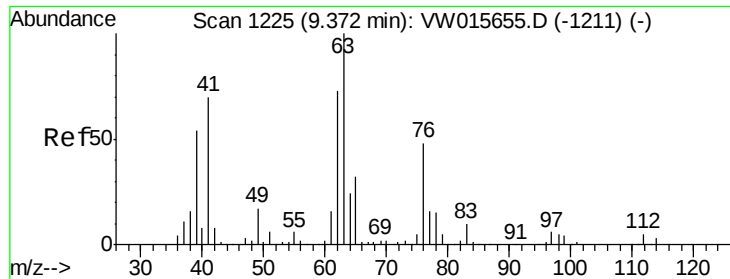
Delta R.T. -0.01 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Tgt Ion:	130	Resp:	44105
Ion	Ratio	Lower	Upper
130	100		
95	102.4	0.0	194.4





#45

1,2-Dichloropropane

Concen: 20.096 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

Tot Ion: 63 Resp: 40488

Ion Ratio Lower Upper

63 100

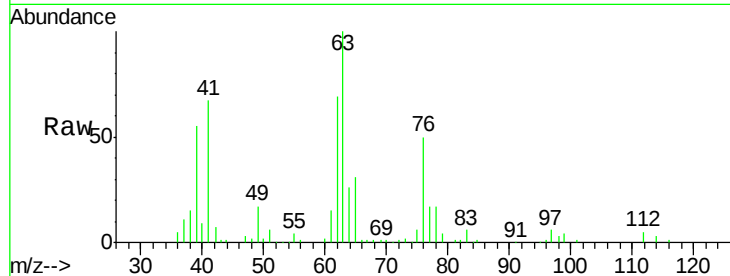
65 30.6 25.3 37.9

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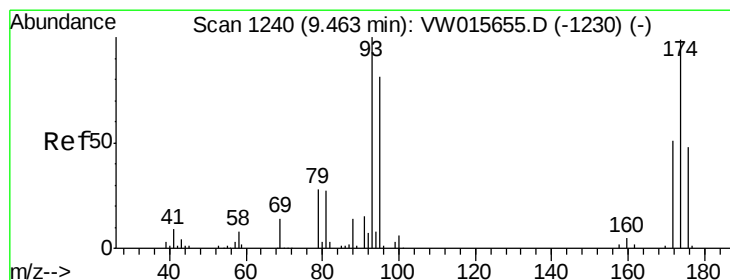
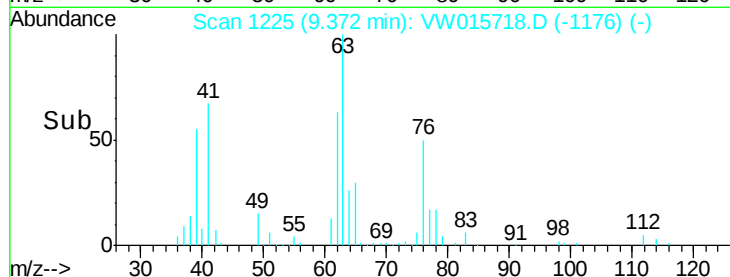
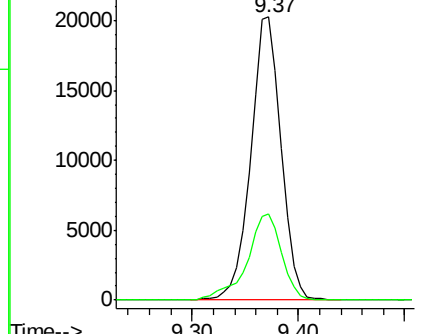
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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 19.603 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

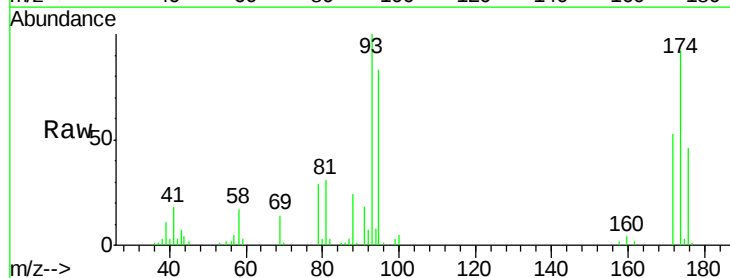
Tgt Ion: 93 Resp: 20434

Ion Ratio Lower Upper

93 100

95 82.4 65.7 98.5

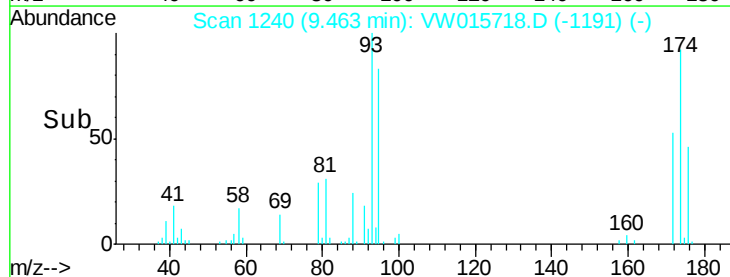
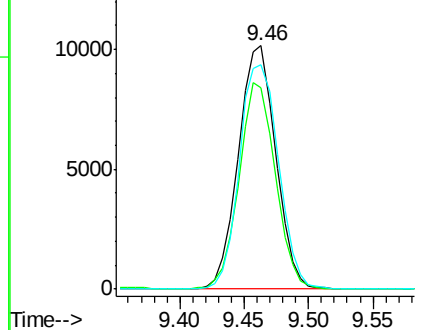
174 96.5 79.0 118.6

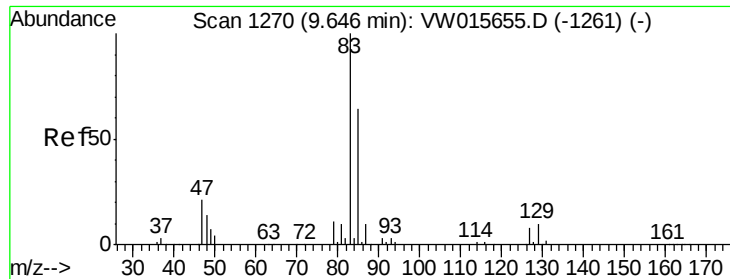


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.278 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

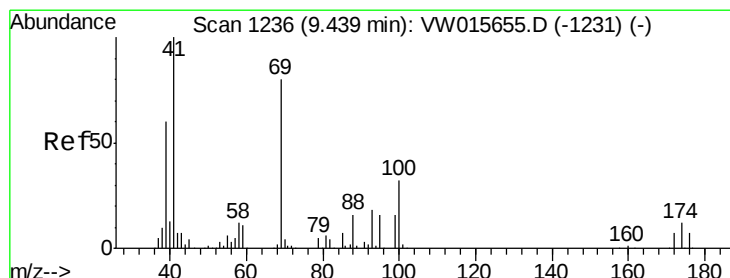
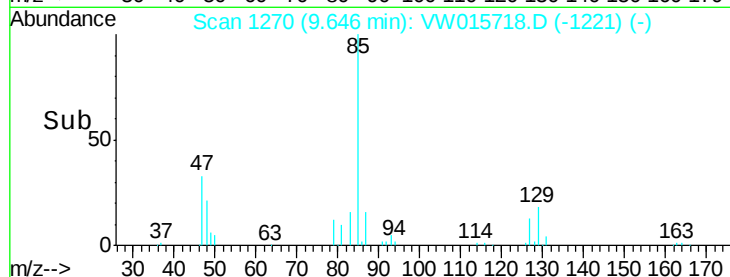
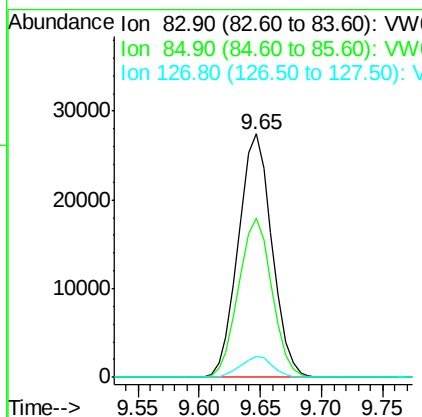
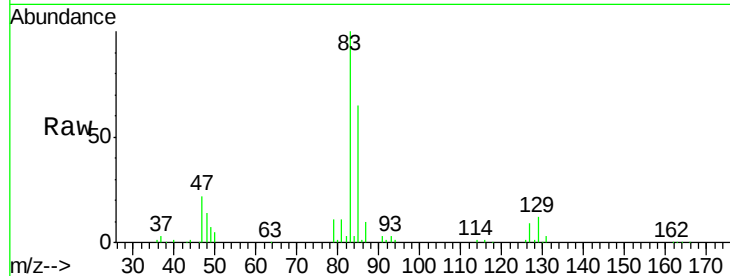
ClientSampleId :

VW0625SBS01

Tot Ion:	83	Resp:	52417
Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.8	76.2
127	8.6	6.3	9.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.634 ug/l

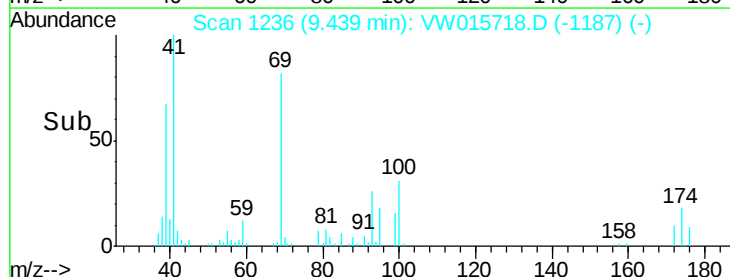
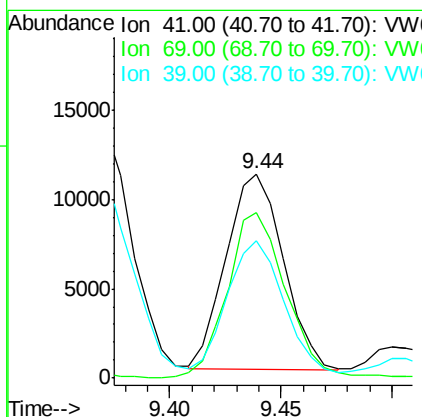
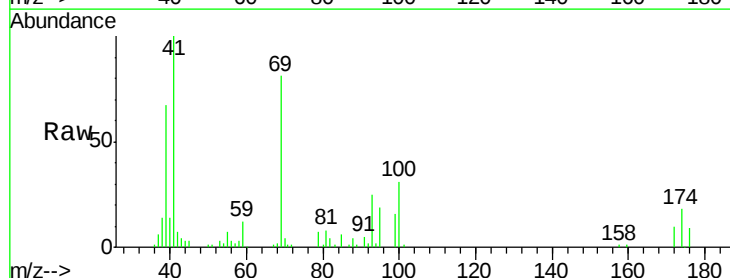
RT: 9.44 min Scan# 1236

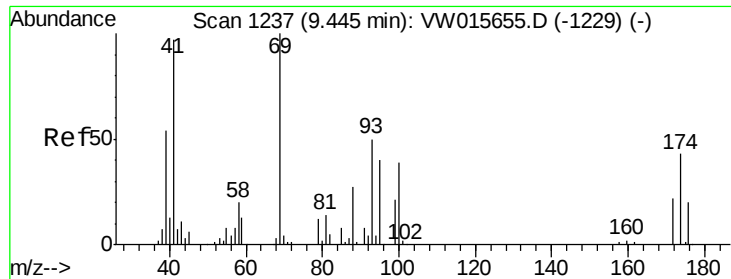
Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Tgt Ion:	41	Resp:	19678
Ion	Ratio	Lower	Upper
41	100		
69	87.5	68.2	102.2
39	70.6	49.8	74.6





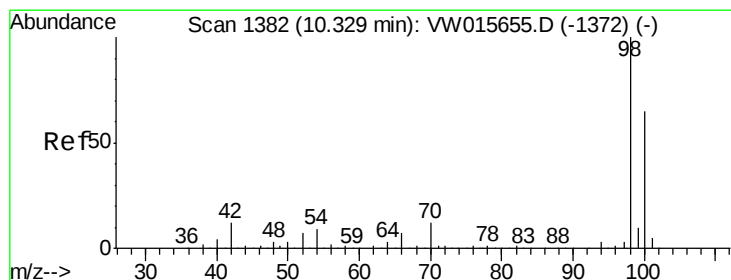
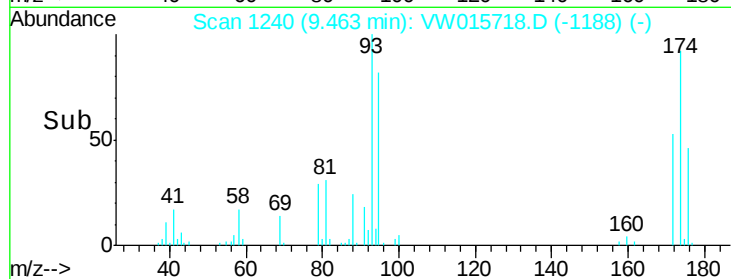
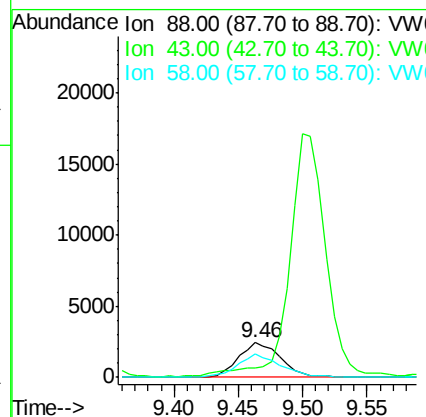
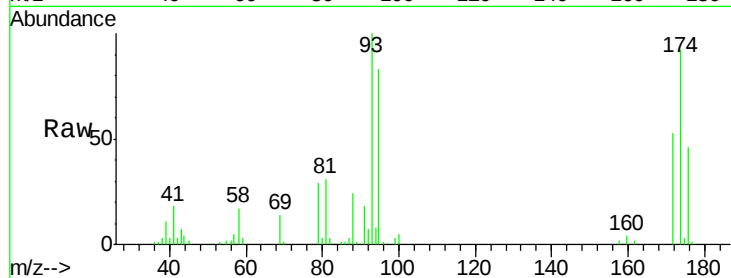
#49
1,4-Dioxane
Concen: 406.956 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.02 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.1	45.1#
58	70.2	56.1	84.1

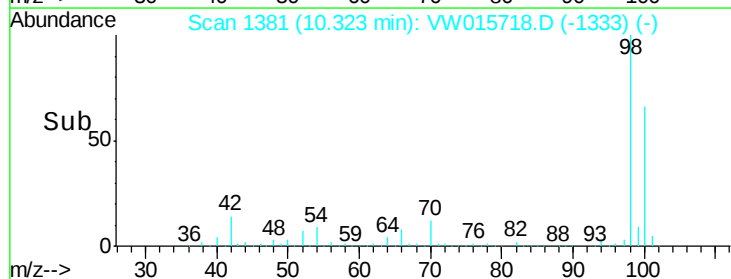
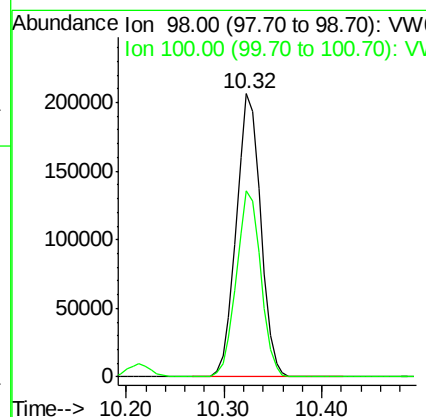
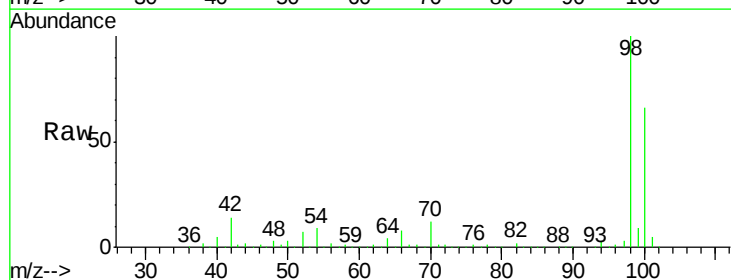
Manual Integrations
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#50
Toluene-d8
Concen: 49.560 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 93.608 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

Tot Ion: 43 Resp: 104269

Ion Ratio Lower Upper

43 100

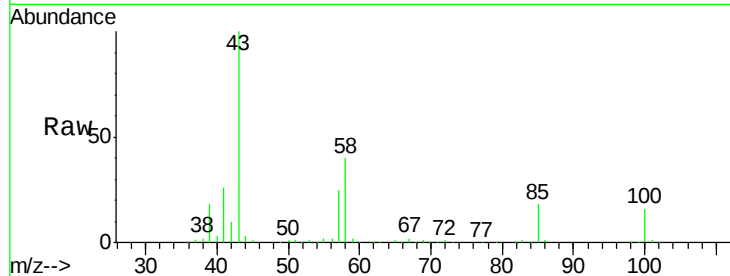
58 38.5 31.2 46.8

Manual Integrations

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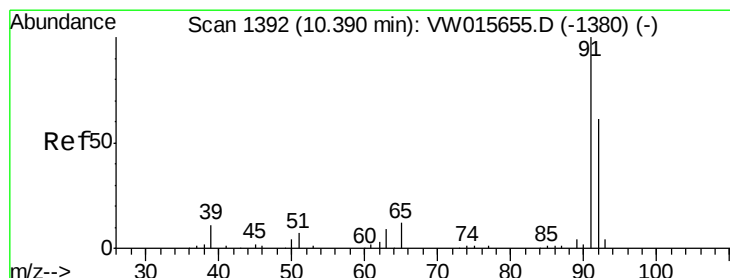
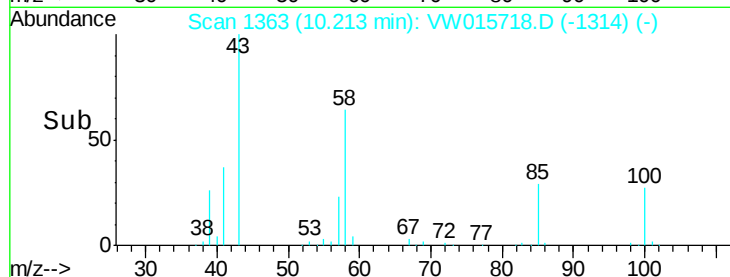
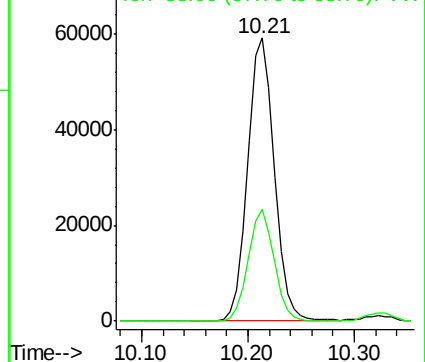
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 20.595 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015718.D

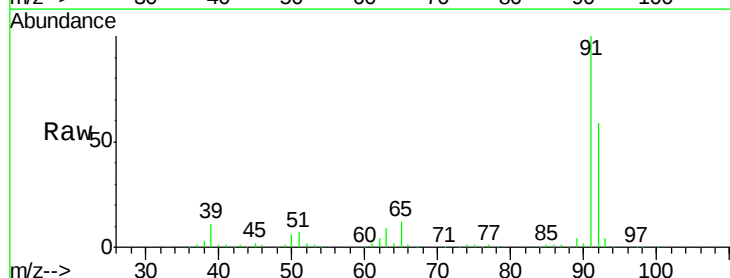
Acq: 25 Jun 2020 10:39

Tgt Ion: 92 Resp: 109613

Ion Ratio Lower Upper

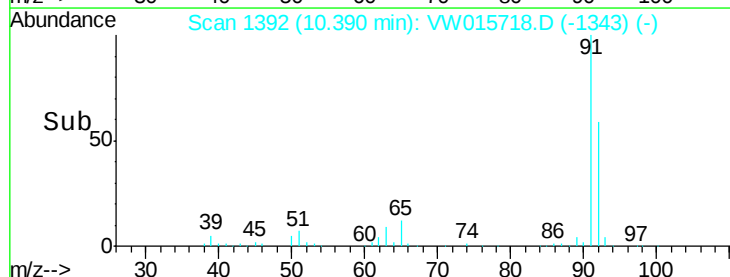
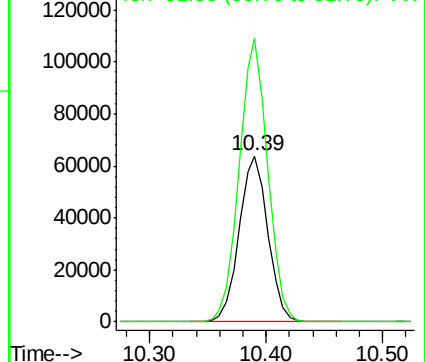
92 100

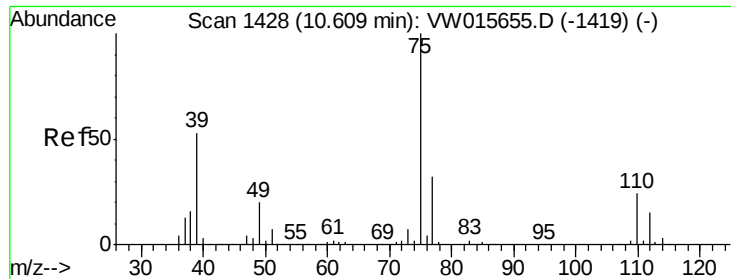
91 169.7 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





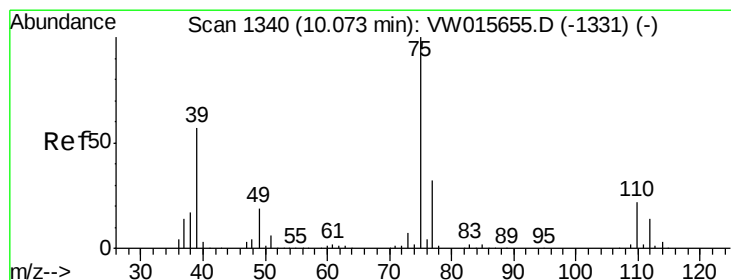
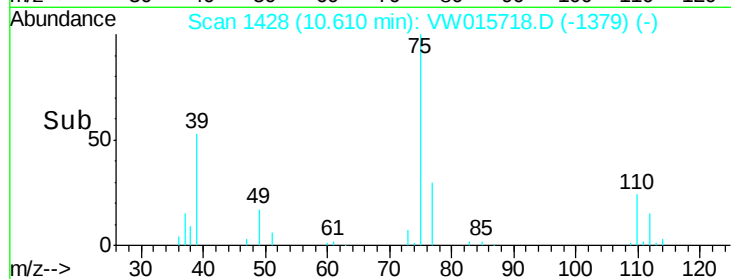
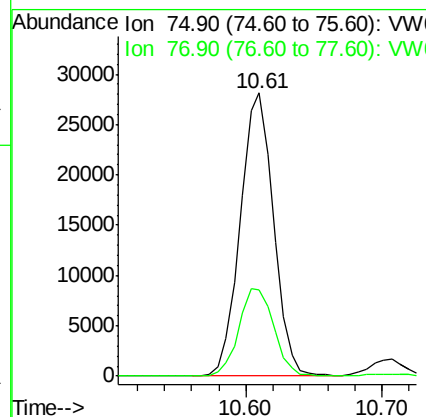
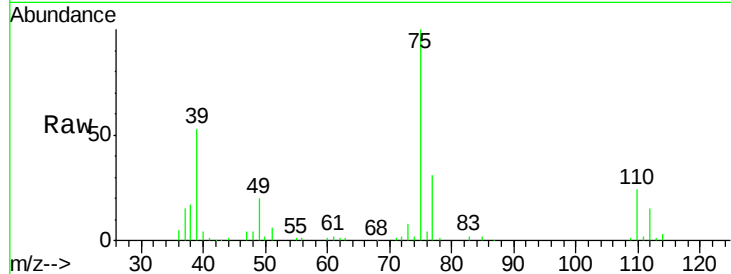
#53
 t-1,3-Dichloropropene
 Concen: 18.315 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

Tot Ion: 75 Resp: 48110
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.3 37.9

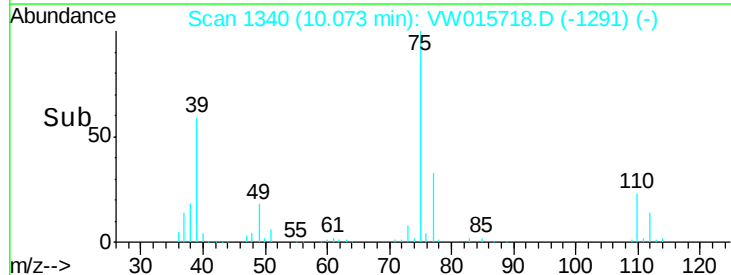
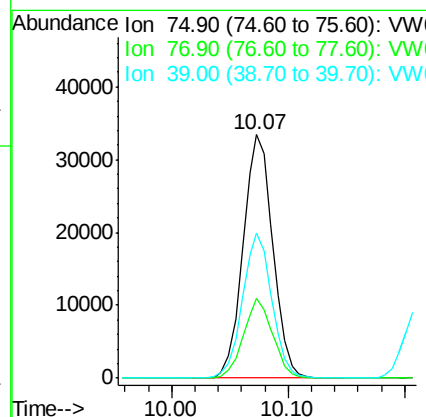
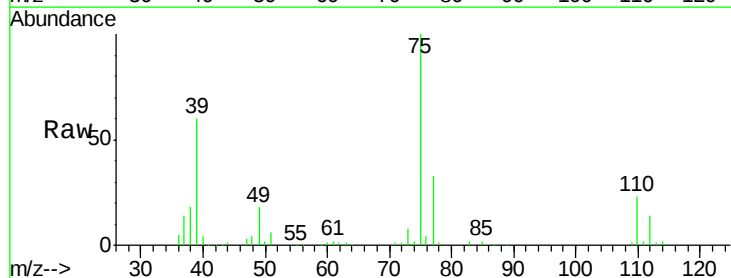
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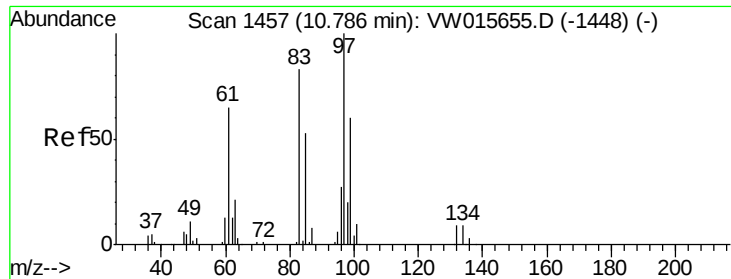
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#54
 cis-1,3-Dichloropropene
 Concen: 18.950 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Tgt Ion: 75 Resp: 59467
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.2
 39 59.6 45.8 68.6





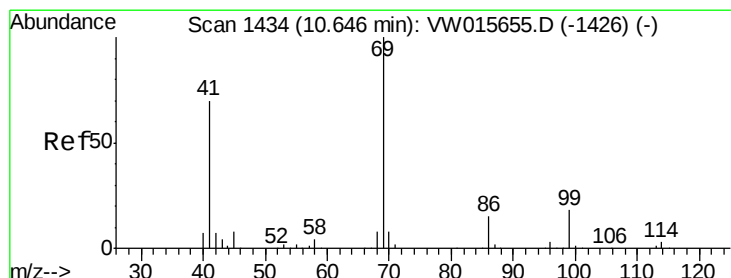
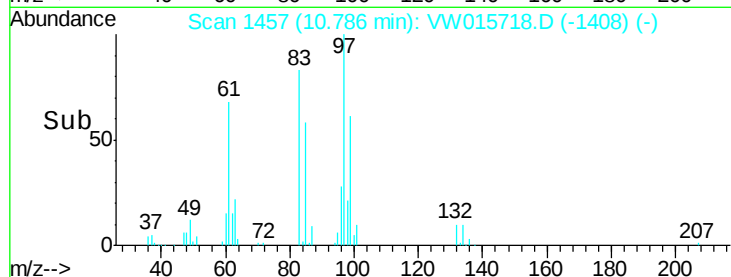
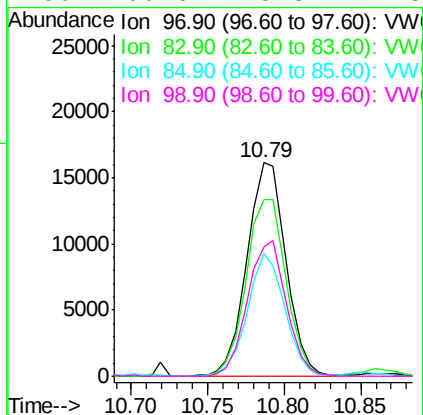
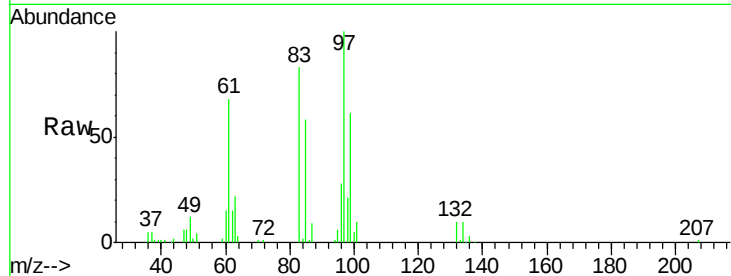
#55
 1,1,2-Trichloroethane
 Concen: 19.794 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		28688		
83	82.9	66.3	99.5		
85	57.6	42.5	63.7		
99	60.6	48.3	72.5		

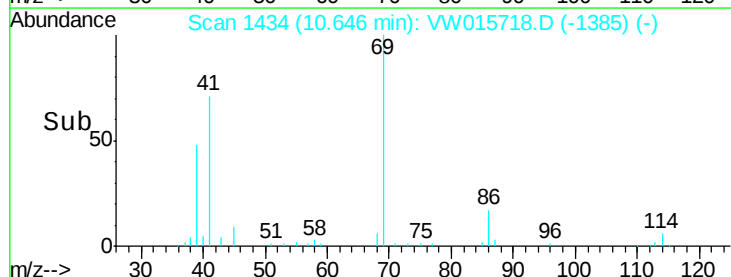
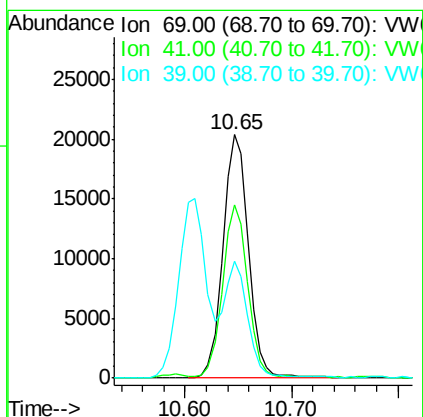
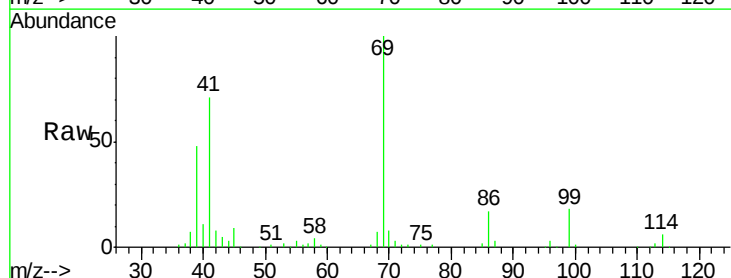
Manual Integrations
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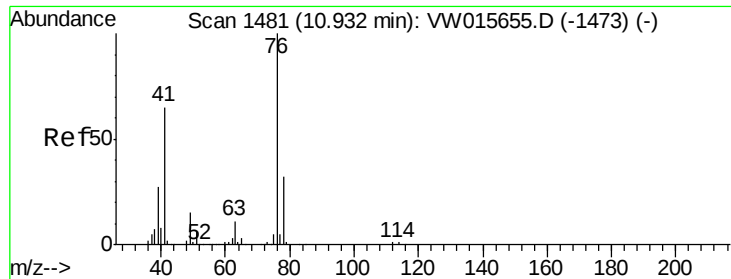
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#56
 Ethyl methacrylate
 Concen: 18.928 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		34134		
41	69.0	55.8	83.6		
39	44.8	29.5	44.3#		





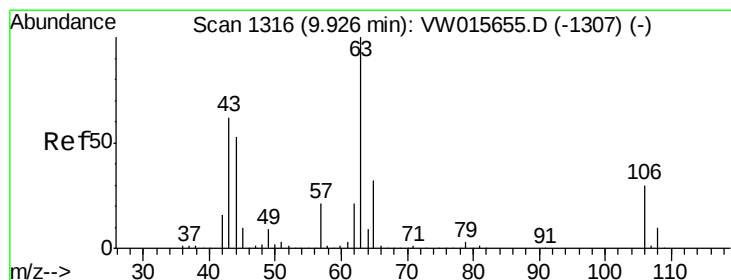
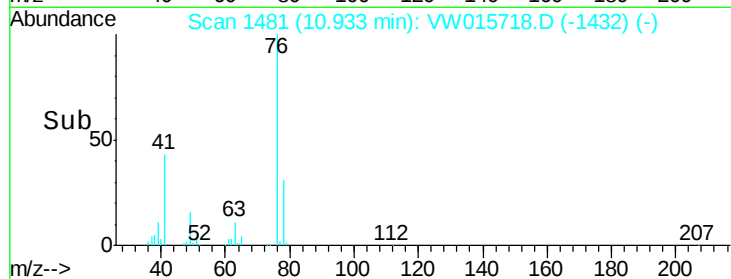
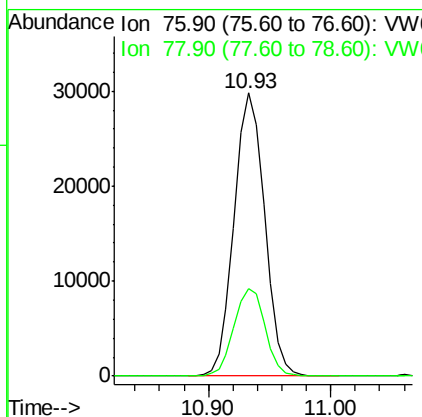
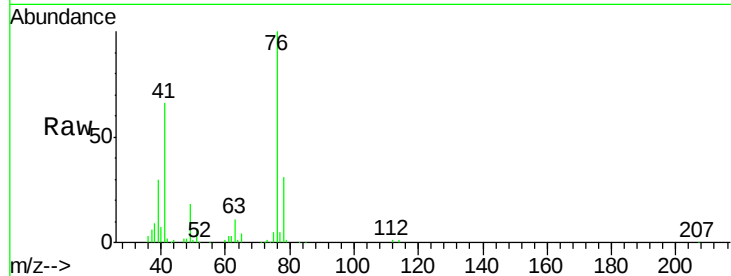
#57
 1,3-Dichloropropane
 Concen: 20.061 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

Tot Ion: 76 Resp: 51545
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.2 39.2

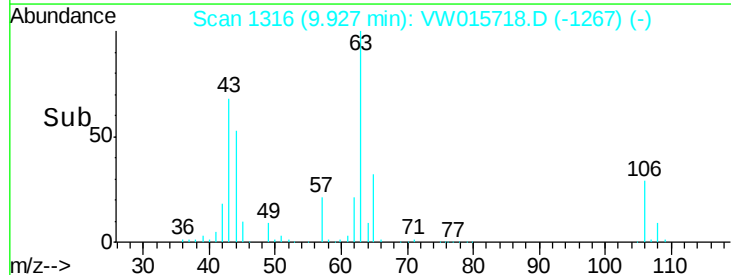
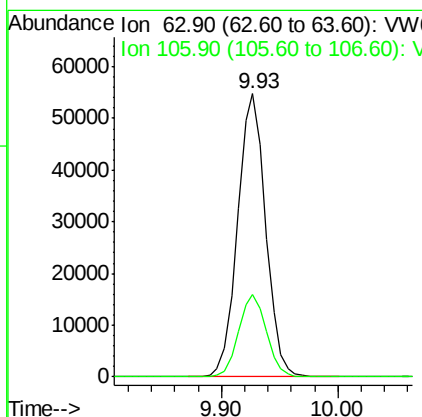
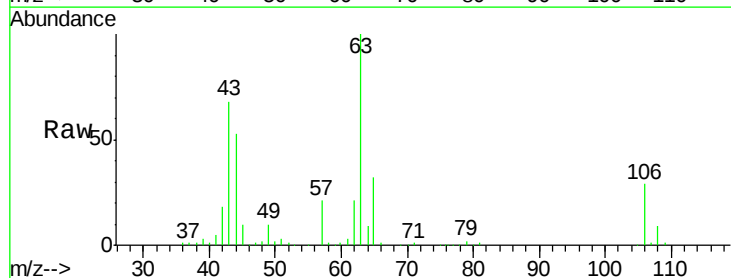
Manual Integrations
 APPROVED

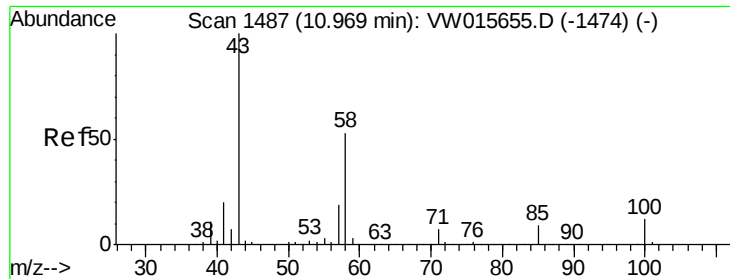
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#58
 2-Chloroethyl Vinyl ether
 Concen: 107.813 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Tgt Ion: 63 Resp: 92006
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.3 34.9





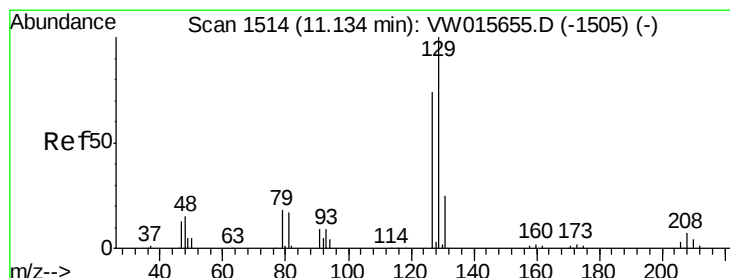
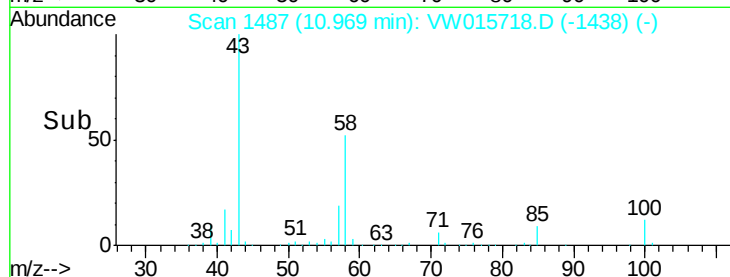
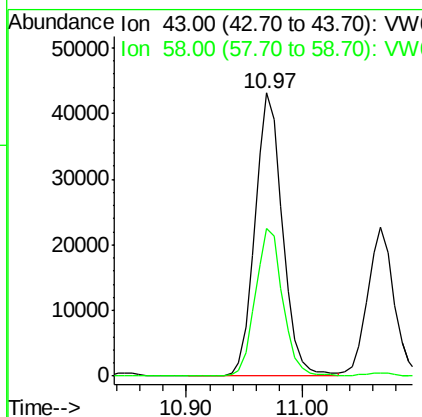
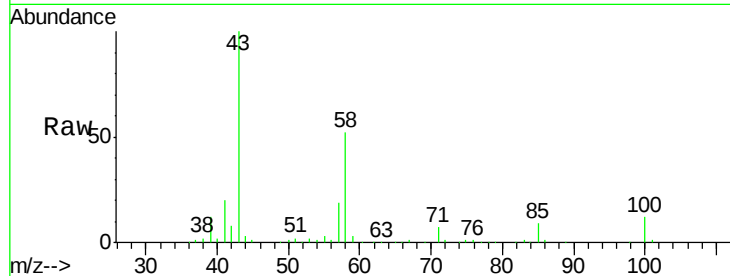
#59
2-Hexanone
Concen: 94.173 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion: 43 Resp: 71414
Ion Ratio Lower Upper
43 100
58 51.9 26.5 79.4

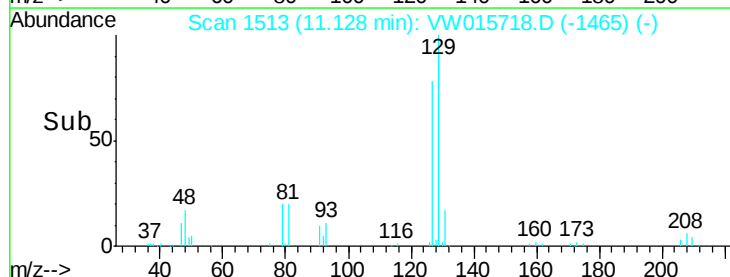
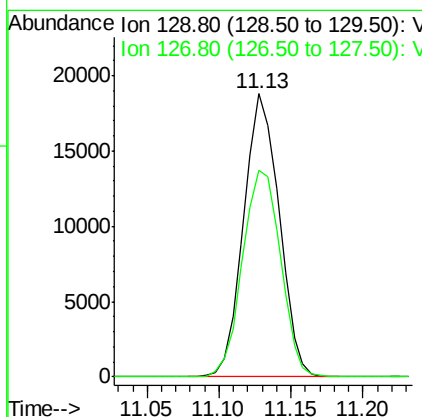
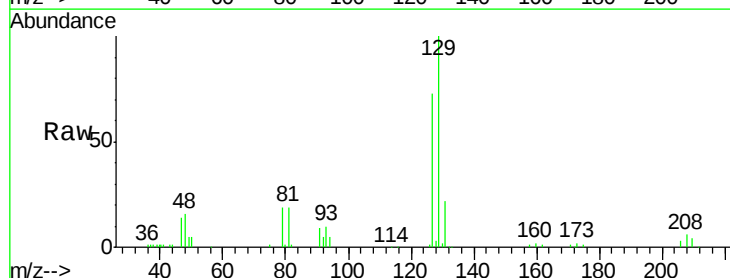
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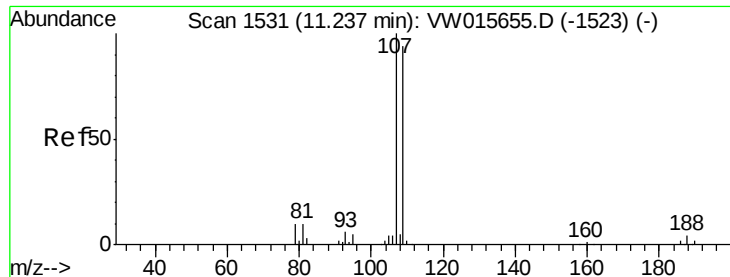
MMDadoda
6/26/2020 11:21:18 AM



#60
Dibromochloromethane
Concen: 19.023 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion:129 Resp: 32129
Ion Ratio Lower Upper
129 100
127 78.2 38.0 114.1





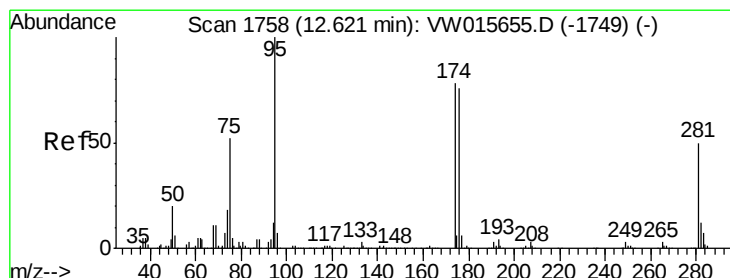
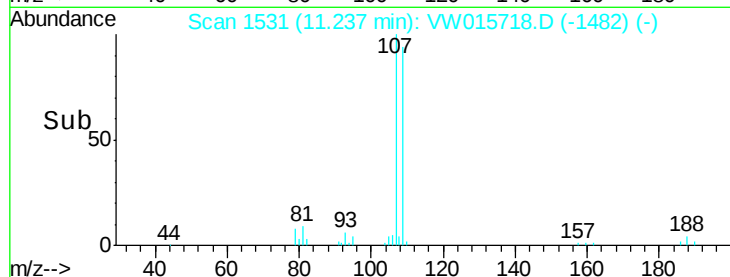
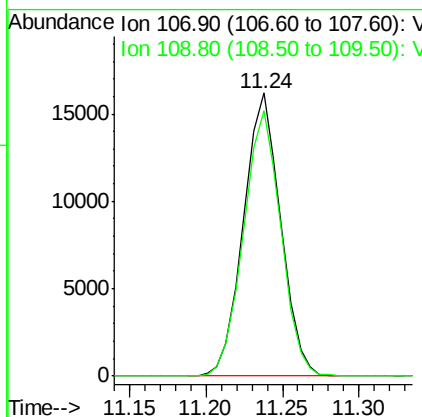
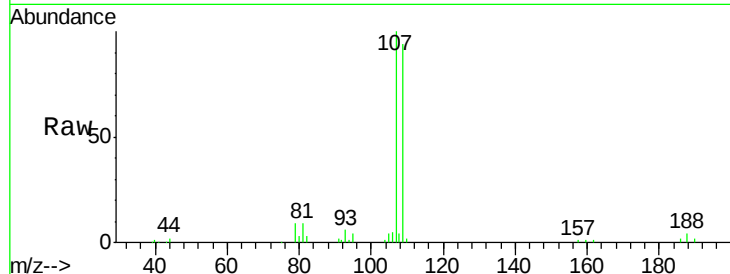
#61
 1,2-Dibromoethane
 Concen: 19.721 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	74.9	112.3

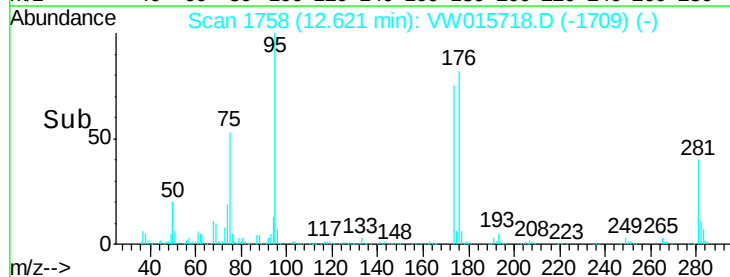
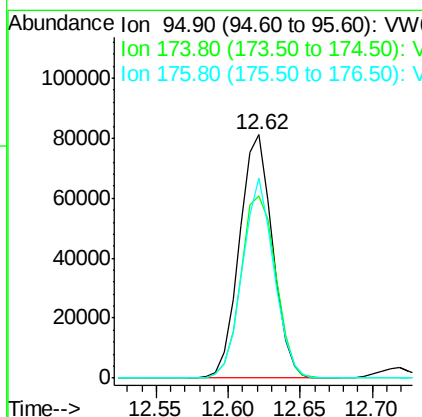
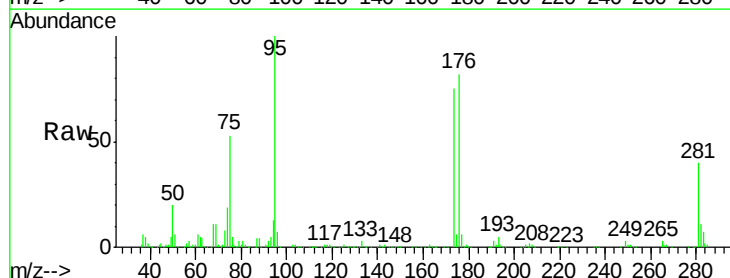
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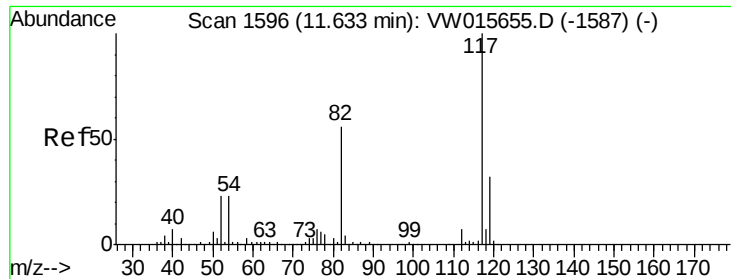
MMDadoda
 6/26/2020 11:21:18 AM



#62
 4-Bromofluorobenzene
 Concen: 48.720 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.3	0.0	157.0
176	77.9	0.0	151.4





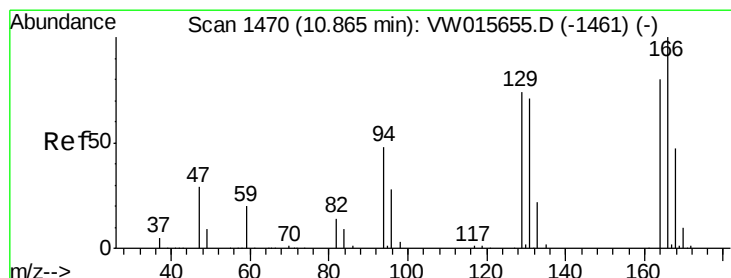
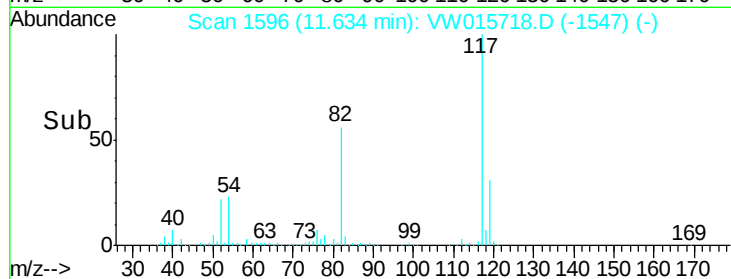
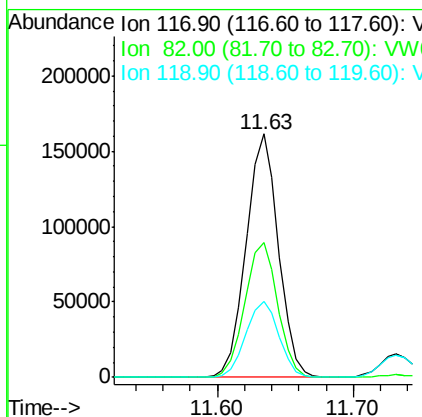
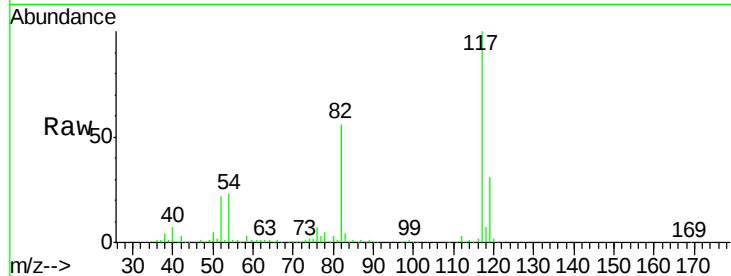
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.1	67.7
119	31.3	25.8	38.8

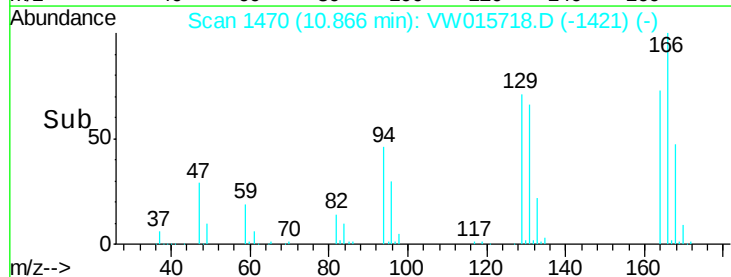
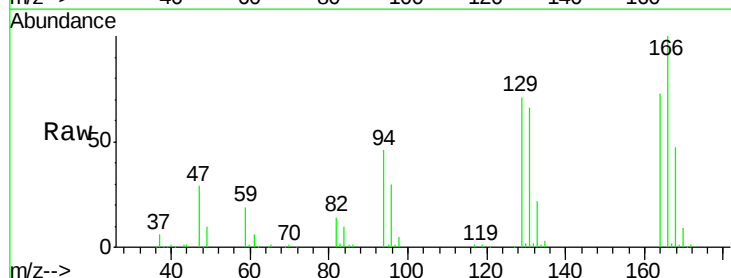
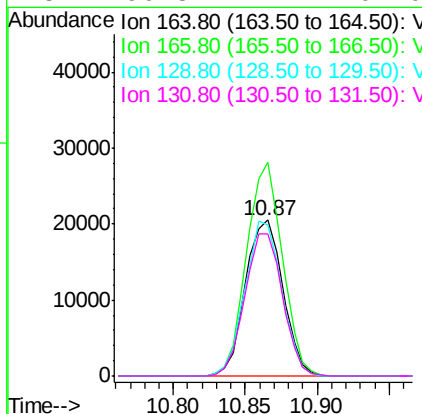
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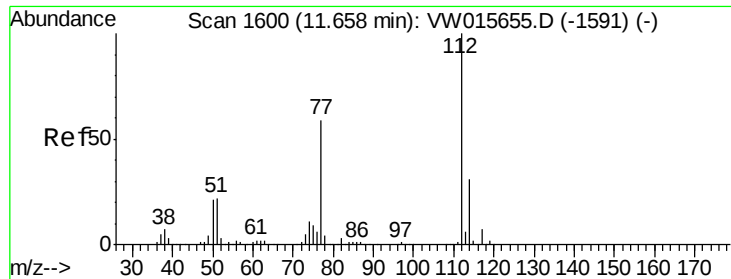
MMDadoda
6/26/2020 11:21:18 AM



#64
Tetrachloroethene
Concen: 19.639 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	136.8	99.9	149.9
129	96.6	74.2	111.2
131	90.8	71.4	107.0





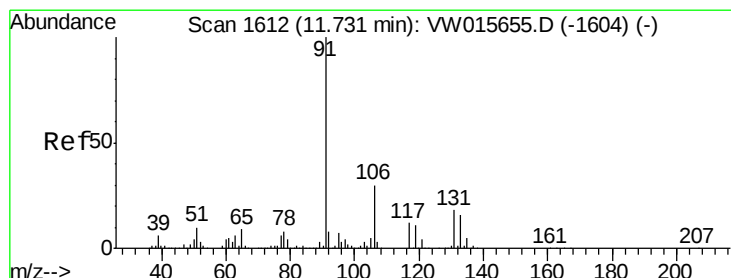
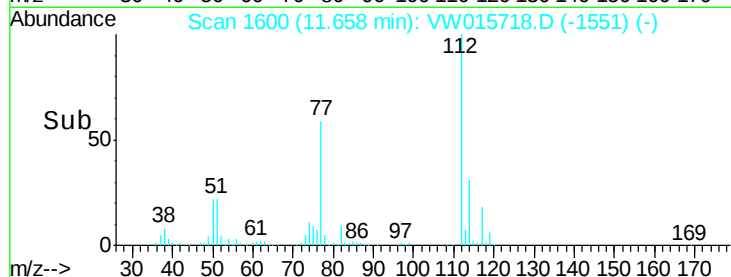
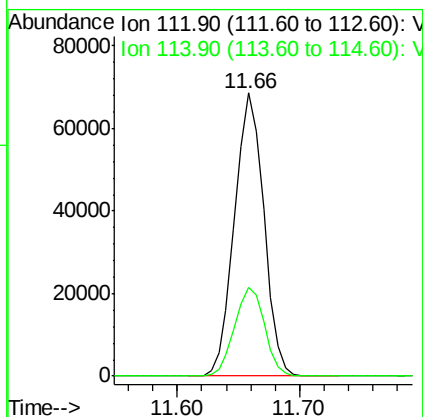
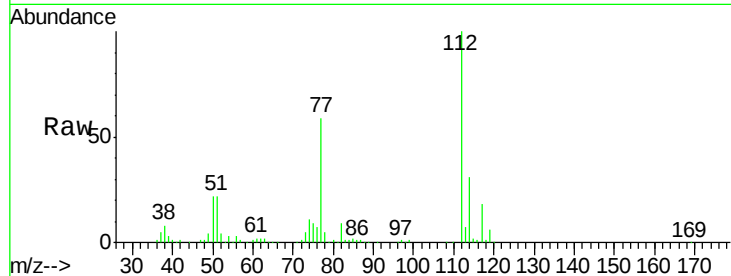
#65
Chlorobenzene
Concen: 20.229 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion:112 Resp: 114074
Ion Ratio Lower Upper
112 100
114 31.2 24.9 37.3

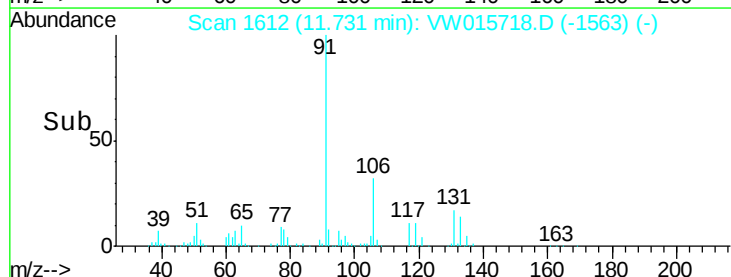
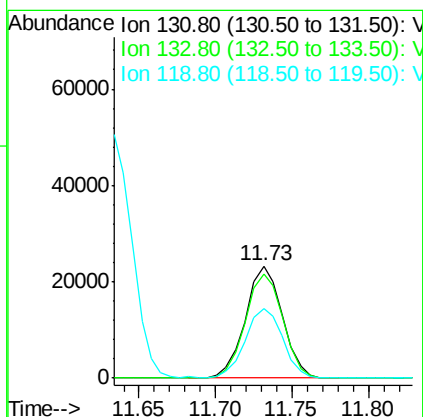
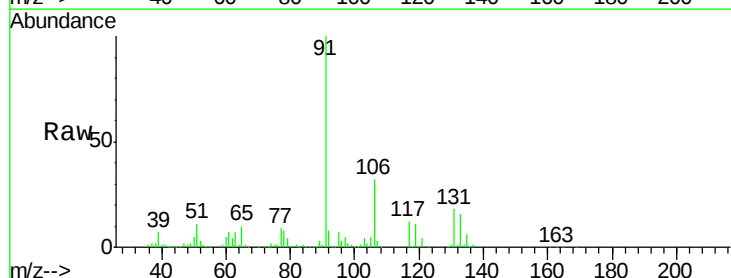
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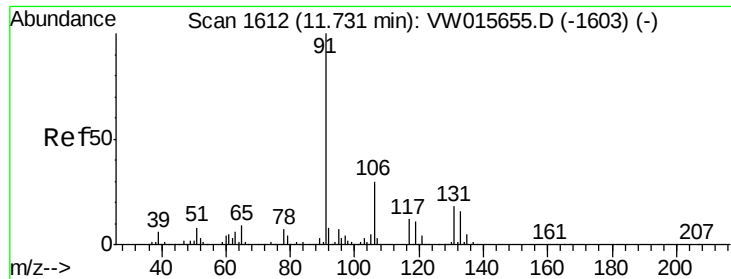
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.726 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion:131 Resp: 39002
Ion Ratio Lower Upper
131 100
133 94.7 46.5 139.5
119 64.1 32.5 97.5





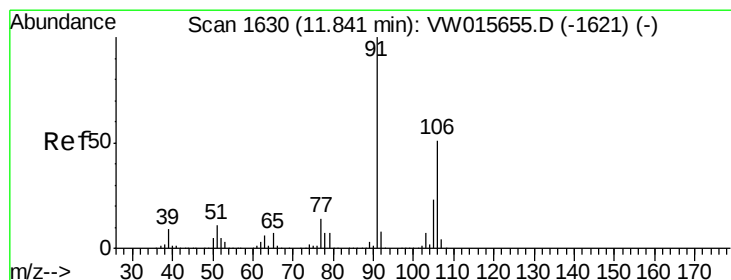
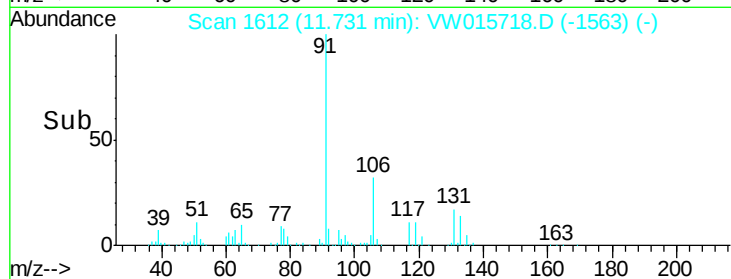
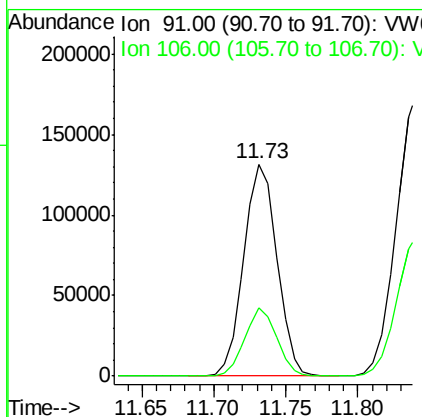
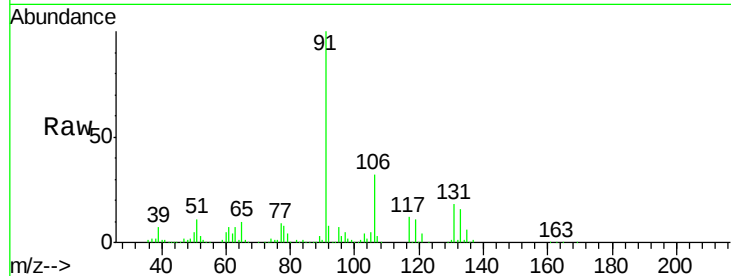
#67
Ethyl Benzene
Concen: 20.082 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion: 91 Resp: 210756
Ion Ratio Lower Upper
91 100
106 31.9 24.1 36.1

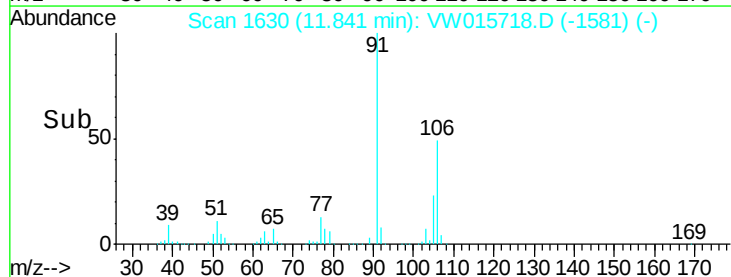
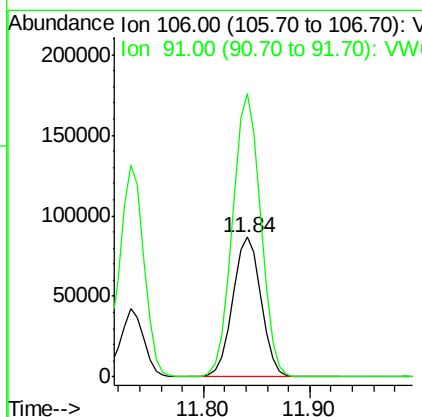
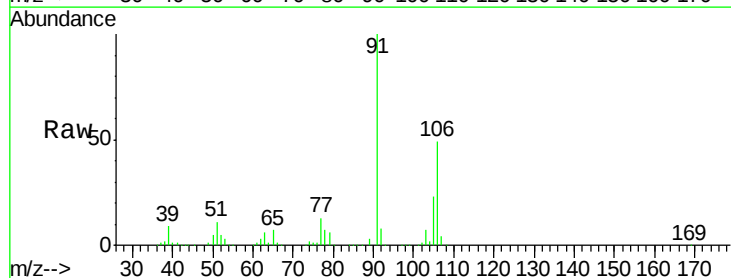
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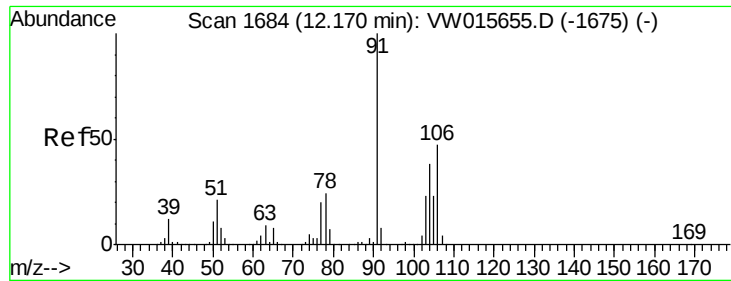
MMDadoda
6/26/2020 11:21:18 AM



#68
m/p-Xylenes
Concen: 40.955 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion: 106 Resp: 161393
Ion Ratio Lower Upper
106 100
91 201.8 162.6 244.0





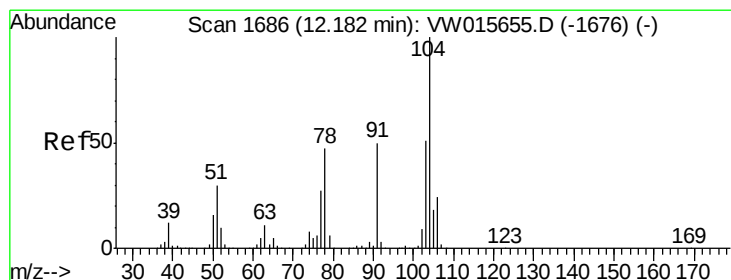
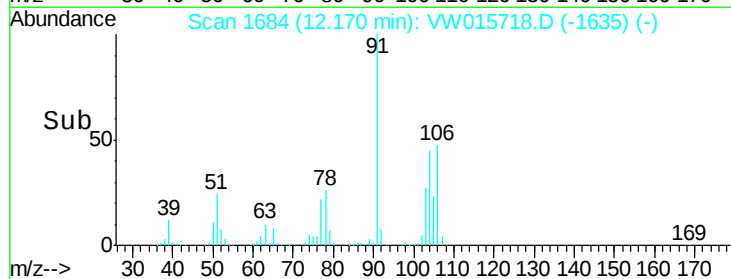
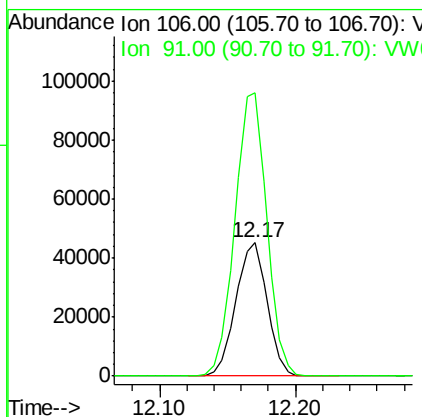
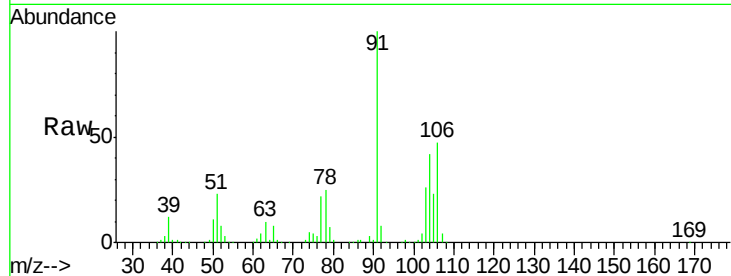
#69
o-Xylene
Concen: 19.998 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Instrument :
MSVOA_W
ClientSampled :
VW0625SBS01

Tot Ion:106 Resp: 72459
Ion Ratio Lower Upper
106 100
91 216.3 108.3 324.9

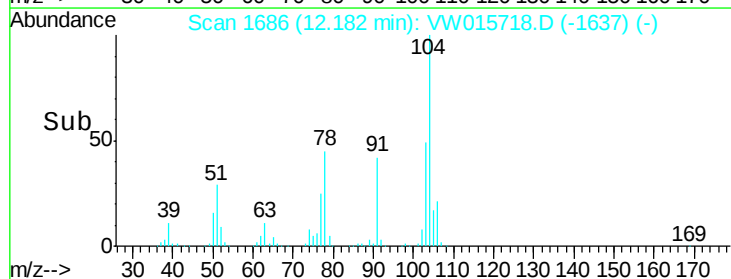
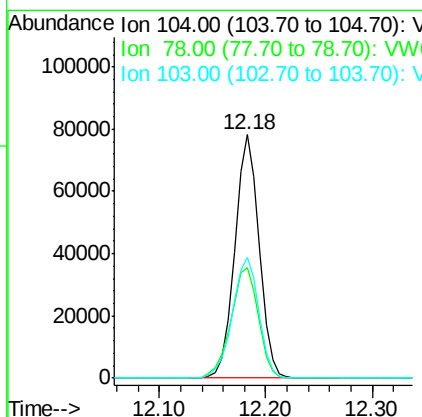
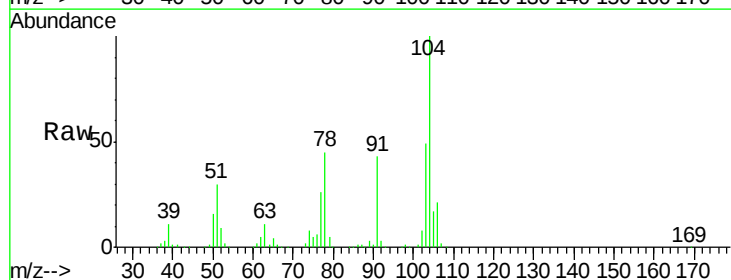
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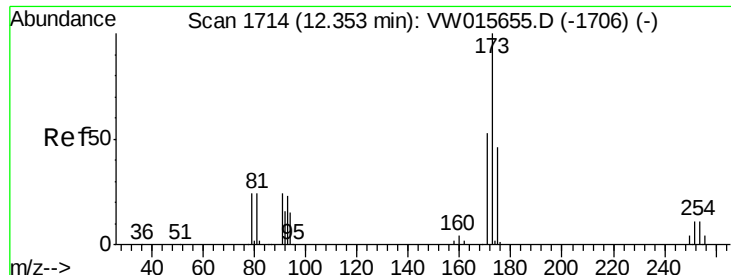
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#70
Styrene
Concen: 20.222 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion:104 Resp: 125187
Ion Ratio Lower Upper
104 100
78 51.3 40.9 61.3
103 53.9 43.1 64.7





#71

Bromoform

Concen: 18.004 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

Tot Ion:173 Resp: 16379

Ion Ratio Lower Upper

173 100

175 49.2 23.5 70.6

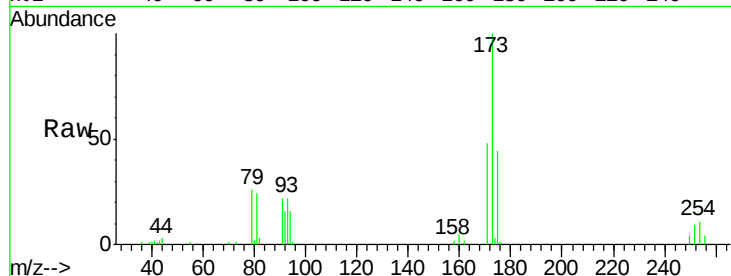
254 0.0 0.1 0.1#

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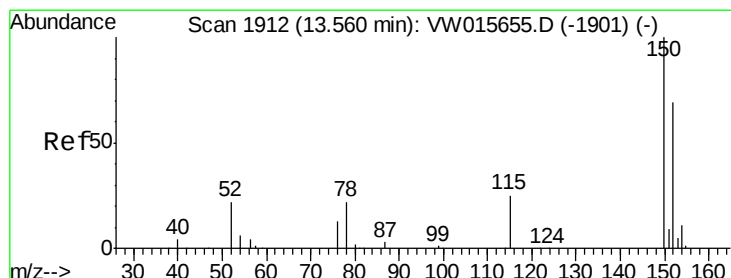
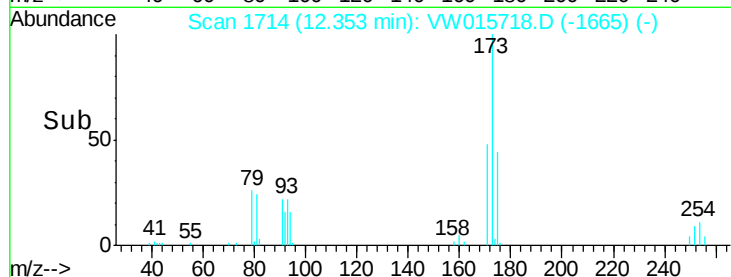
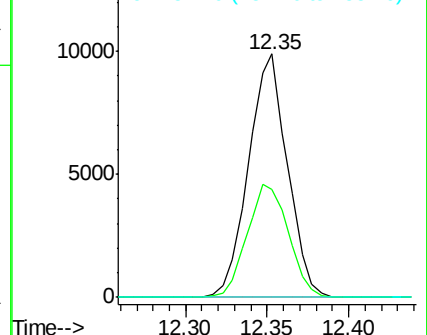
6/26/2020 11:21:18 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

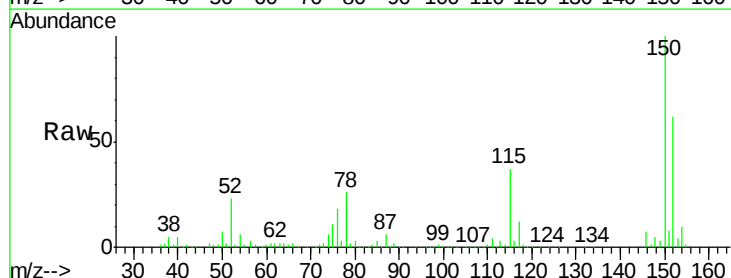
Tgt Ion:152 Resp: 136381

Ion Ratio Lower Upper

152 100

115 59.7 30.1 90.5

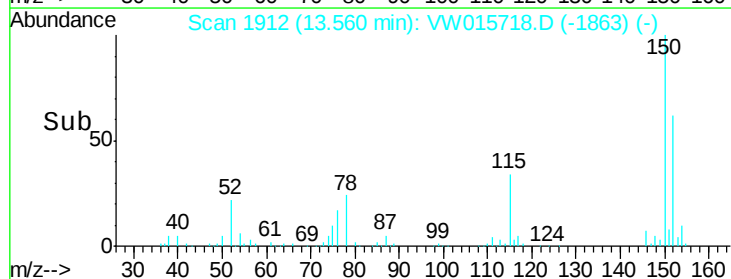
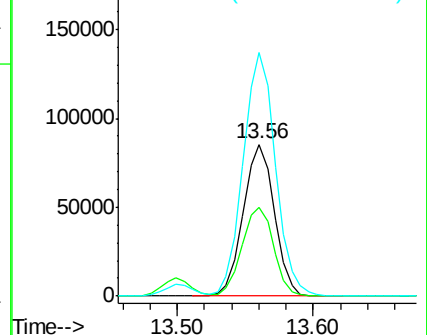
150 166.9 0.0 345.6

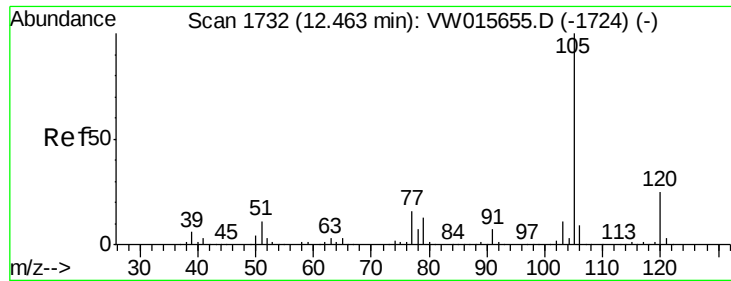


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





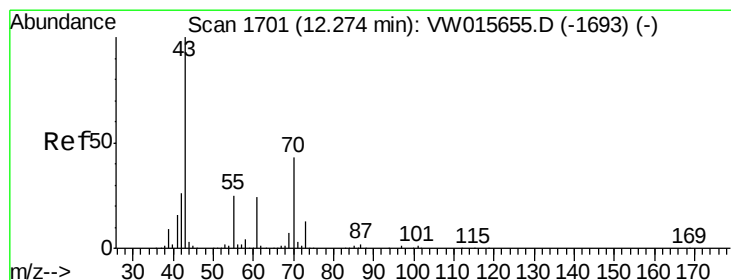
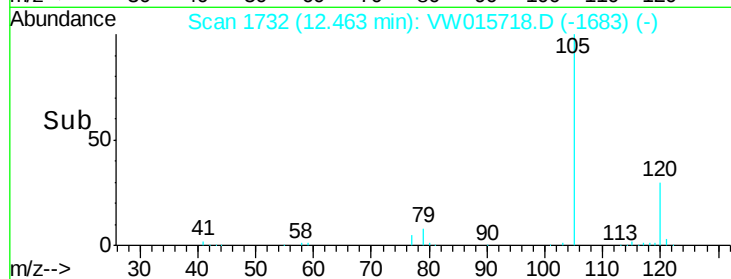
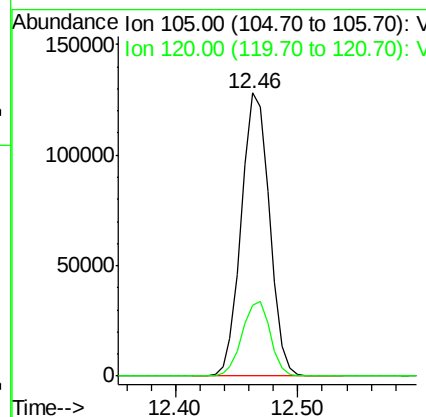
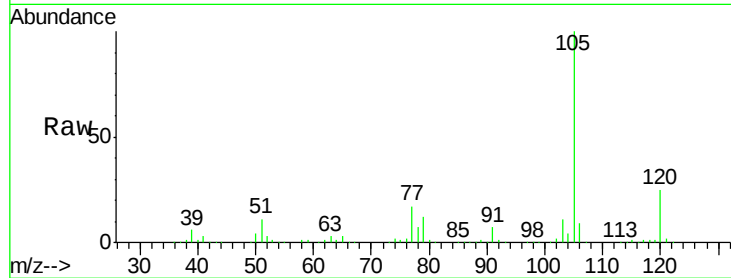
#73
Isopropylbenzene
Concen: 19.646 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion: 105 Resp: 204392
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.7

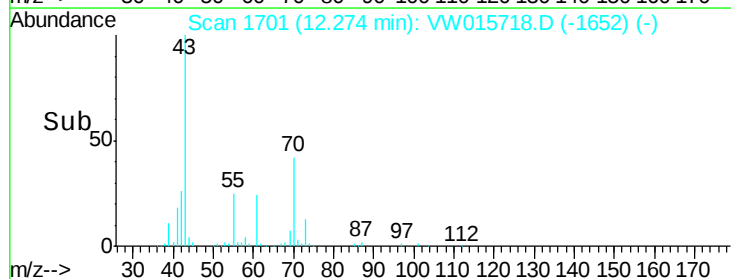
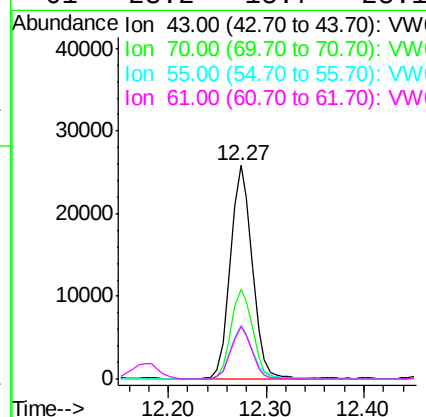
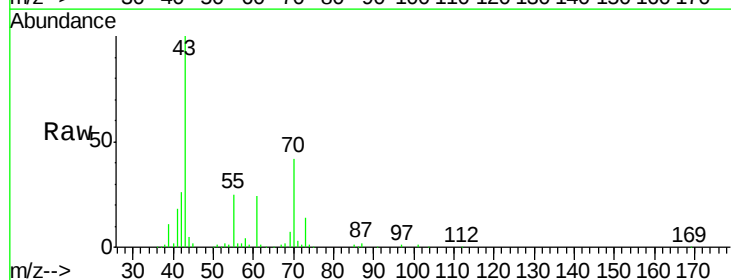
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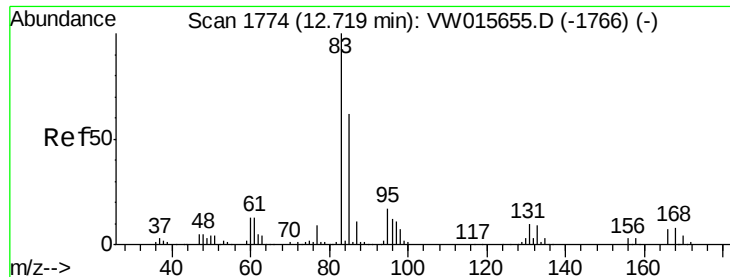
MMDadoda
6/26/2020 11:21:18 AM



#74
N-ethyl acetate
Concen: 18.386 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion: 43 Resp: 40549
Ion Ratio Lower Upper
43 100
70 41.6 33.6 50.4
55 25.4 19.7 29.5
61 23.2 18.7 28.1





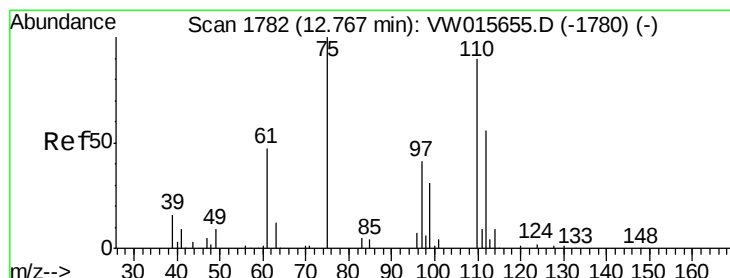
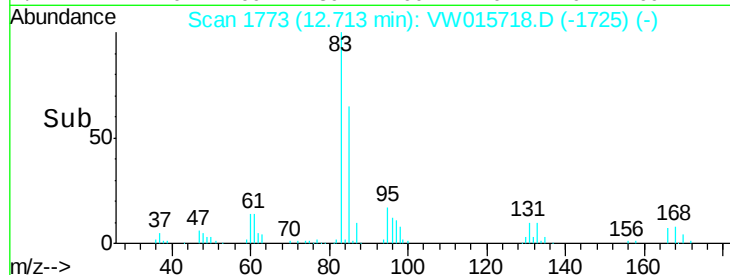
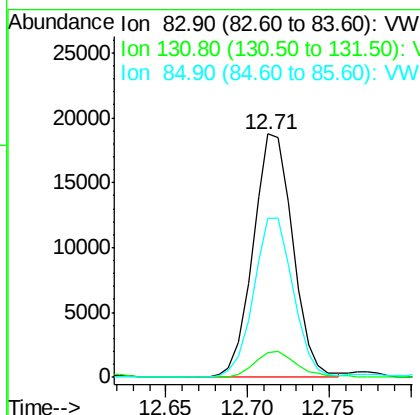
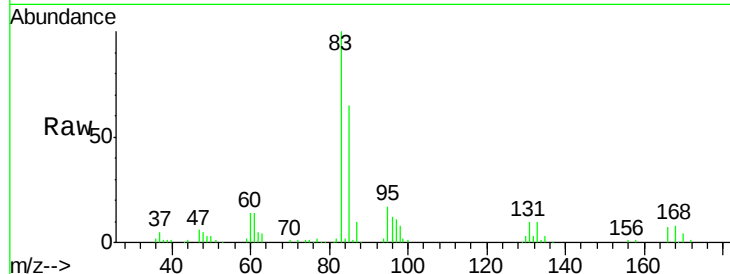
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.028 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	11.5	5.5	16.4	
85	65.0	31.9	95.7	

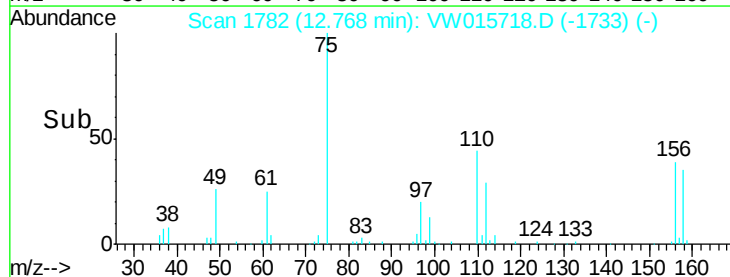
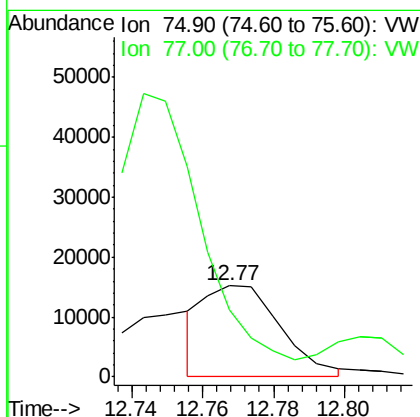
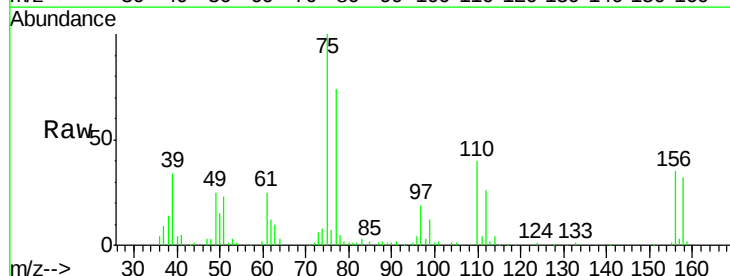
Manual Integrations
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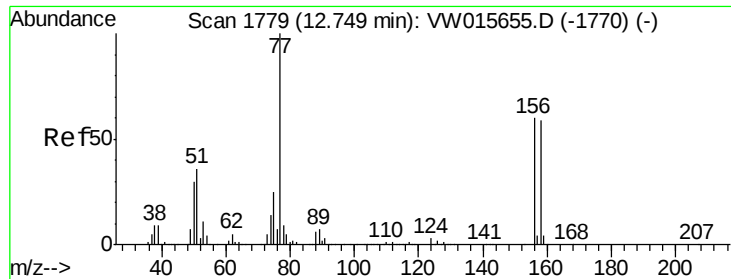
MMDadoda
 6/26/2020 11:21:18 AM



#76
 1,2,3-Trichloropropane
 Concen: 18.490 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	0.0	179.1	537.1#	





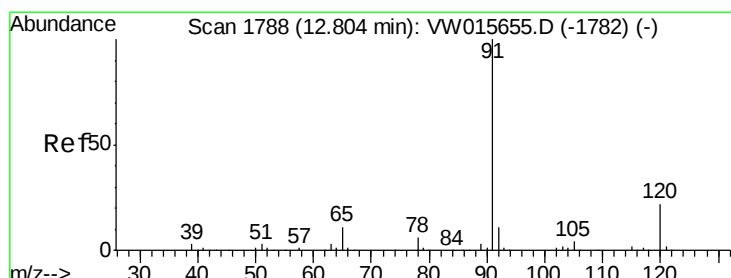
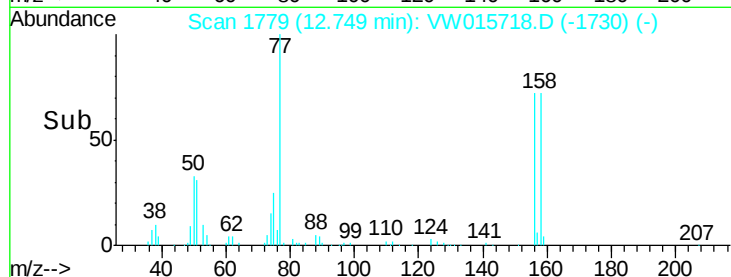
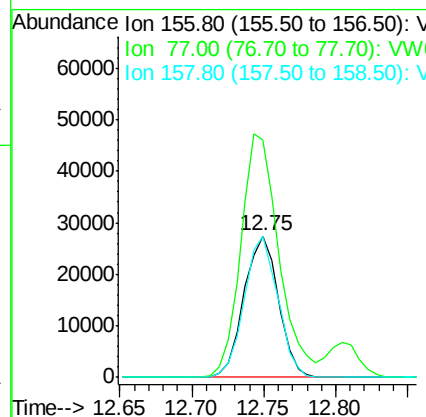
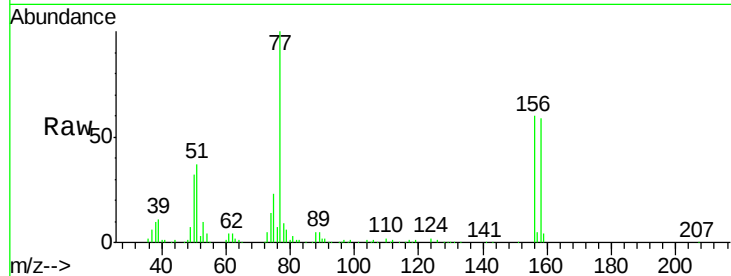
#77
Bromobenzene
Concen: 19.642 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	189.9	94.5	283.5
158	97.1	47.9	143.6

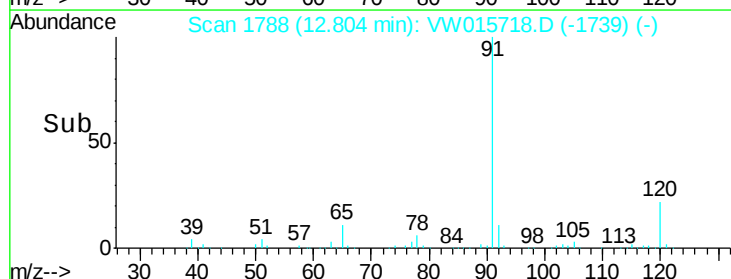
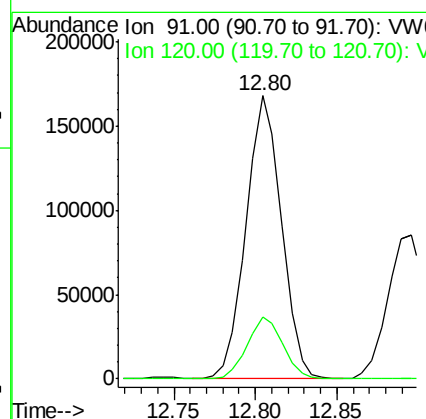
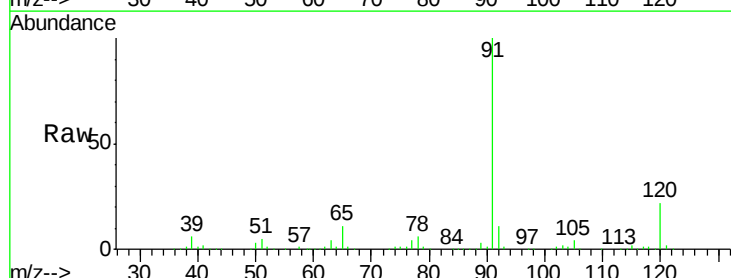
Manual Integrations
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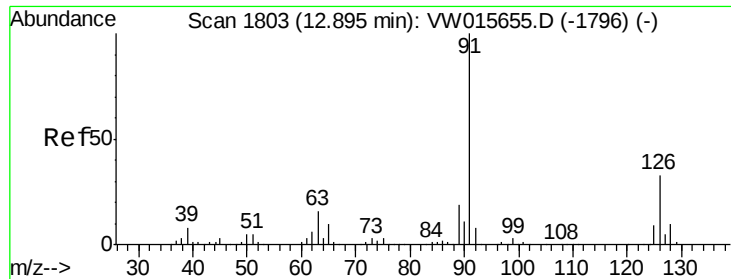
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6/26/2020 11:21:18 AM



#78
n-propylbenzene
Concen: 20.232 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.2	33.5





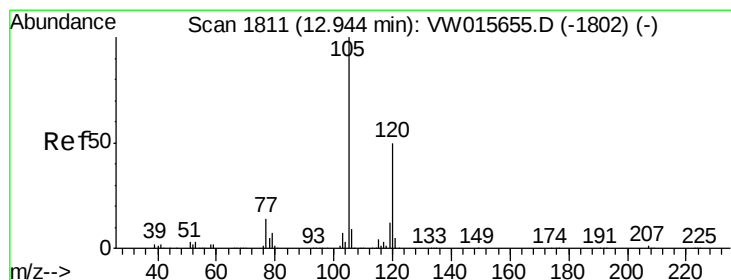
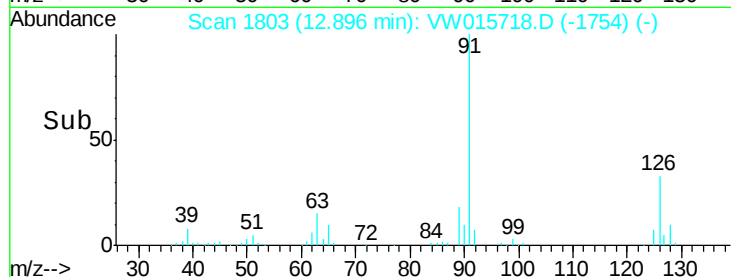
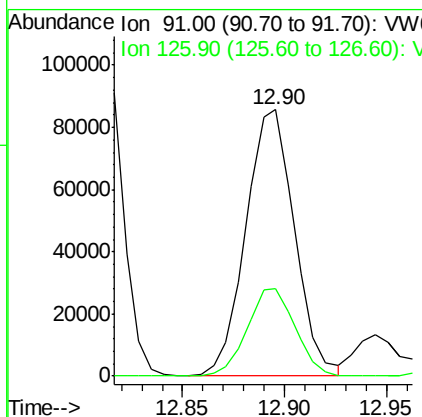
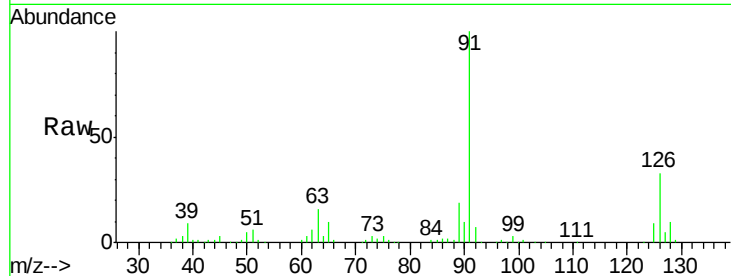
#79
2-Chlorotoluene
Concen: 20.171 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion: 91 Resp: 142225
Ion Ratio Lower Upper
91 100
126 32.5 16.6 49.8

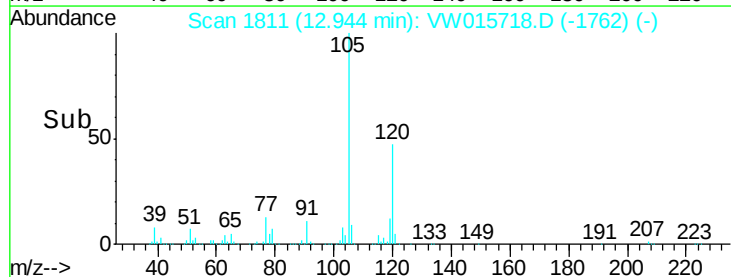
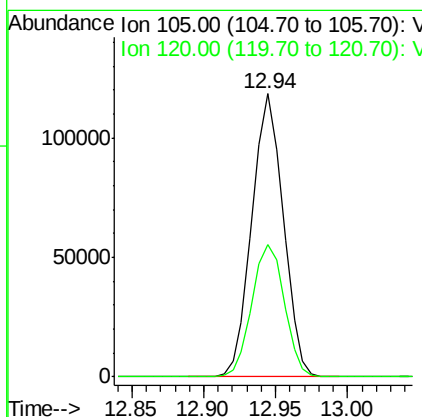
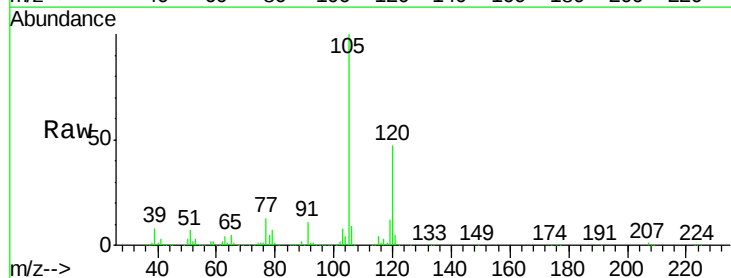
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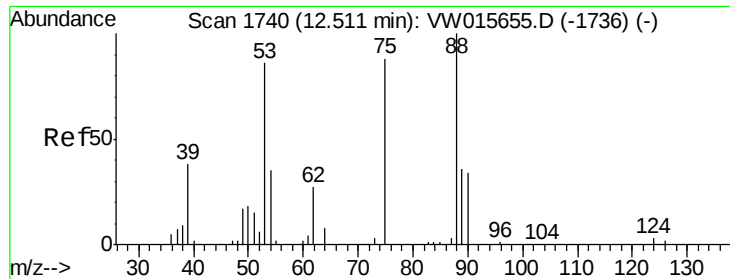
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#80
1,3,5-Trimethylbenzene
Concen: 20.275 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion: 105 Resp: 178733
Ion Ratio Lower Upper
105 100
120 48.4 24.4 73.2





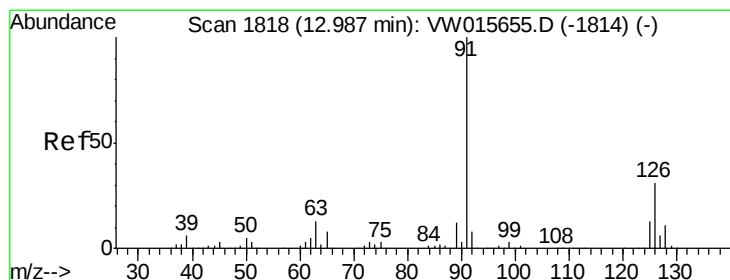
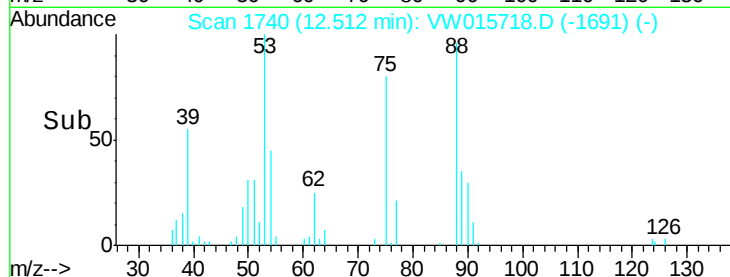
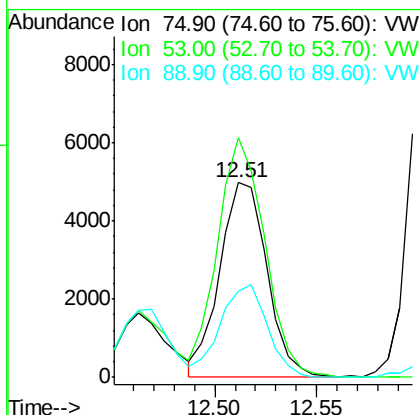
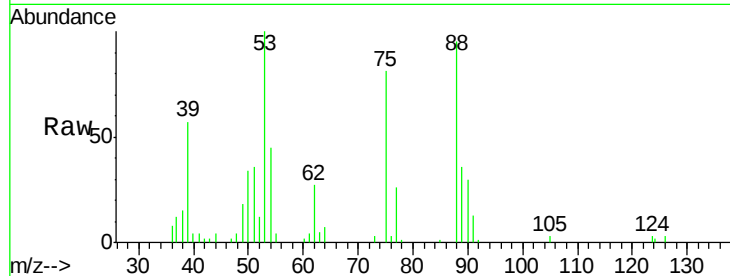
#81
trans-1,4-Dichloro-2-butene
Concen: 16.206 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	122.9	83.8	125.8
89	47.6	36.6	55.0

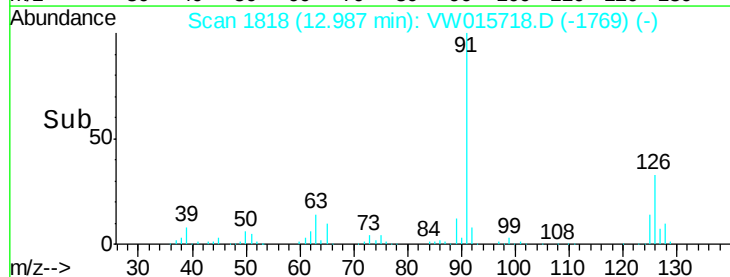
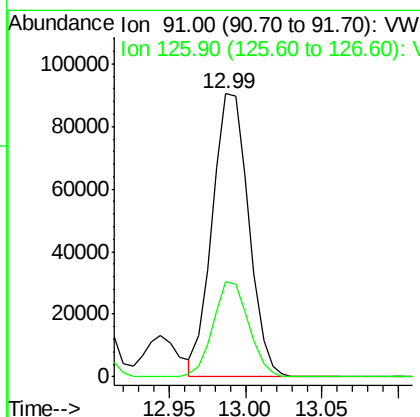
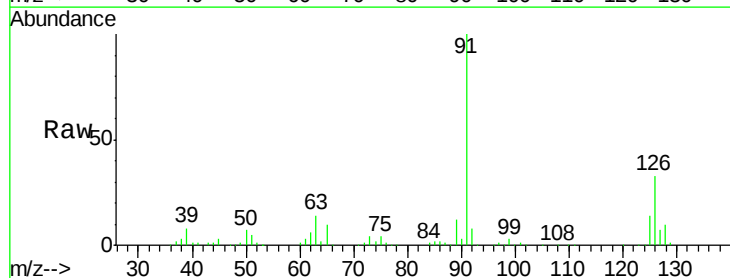
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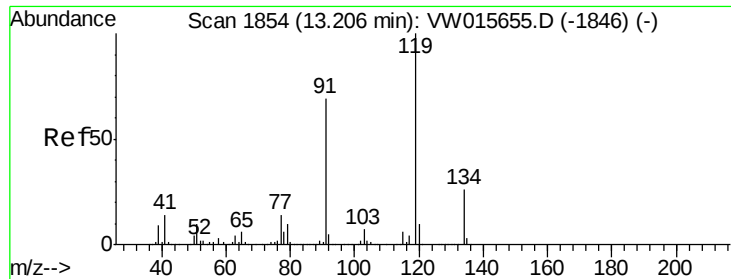
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#82
4-Chlorotoluene
Concen: 20.036 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.3	48.9





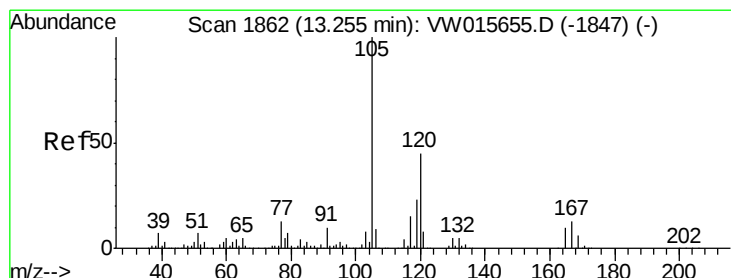
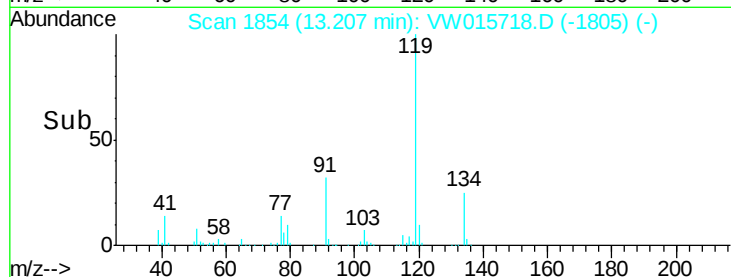
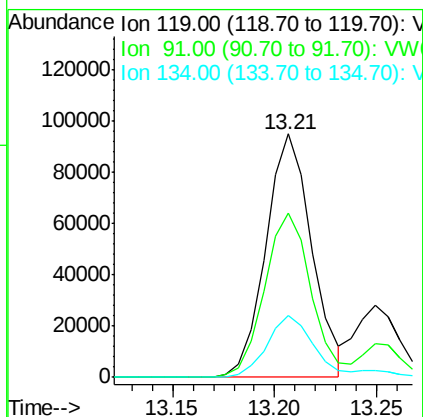
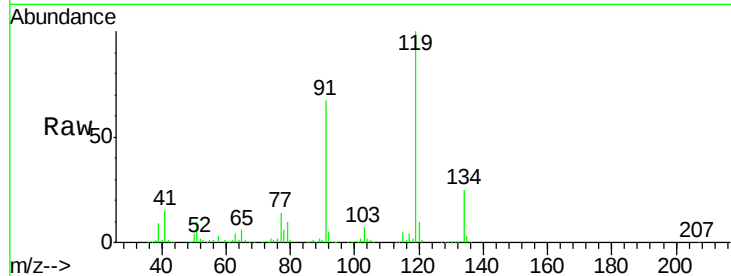
#83
tert-Butylbenzene
Concen: 19.948 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.0	34.7	104.1
134	25.5	13.8	41.4

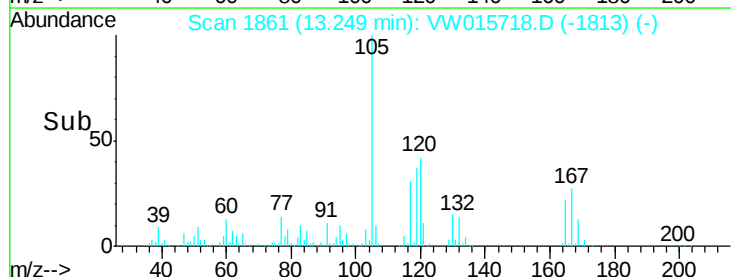
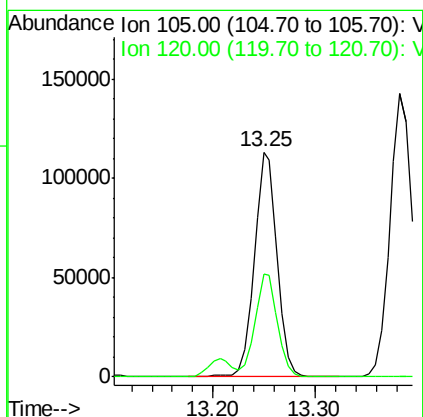
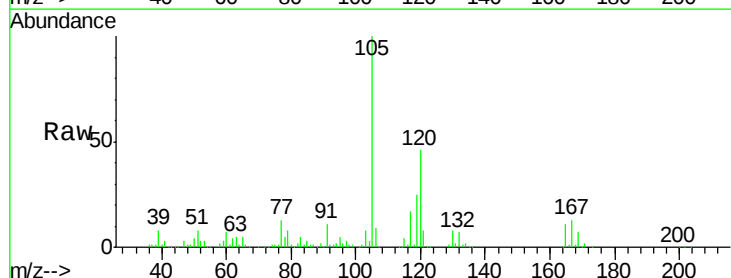
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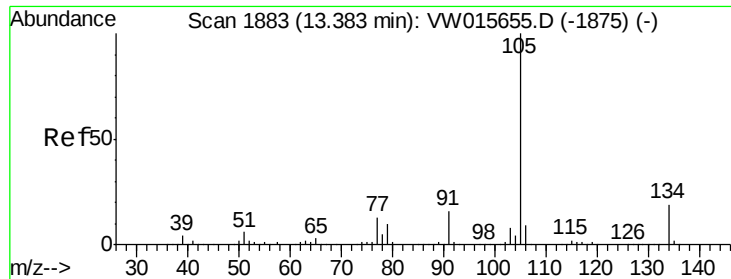
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#84
1,2,4-Trimethylbenzene
Concen: 20.003 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.8	68.3





#85

sec-Butylbenzene

Concen: 20.480 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

Tot Ion:105 Resp: 218009

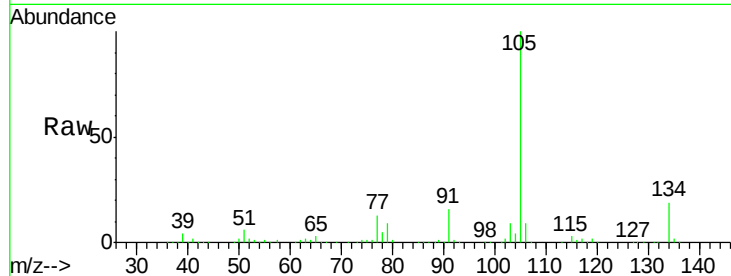
Ion Ratio Lower Upper

105 100

134 19.9 10.0 29.8

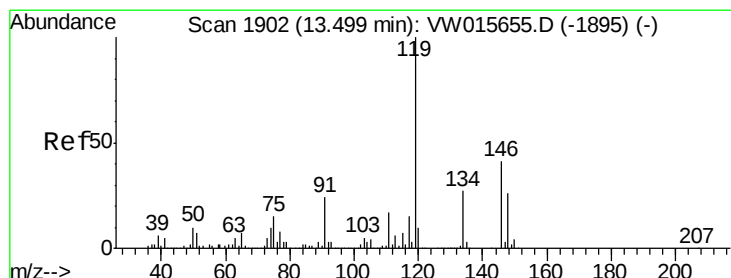
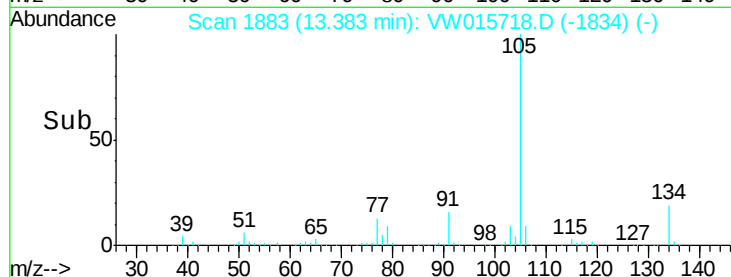
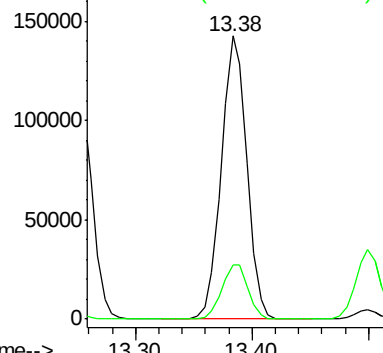
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.660 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

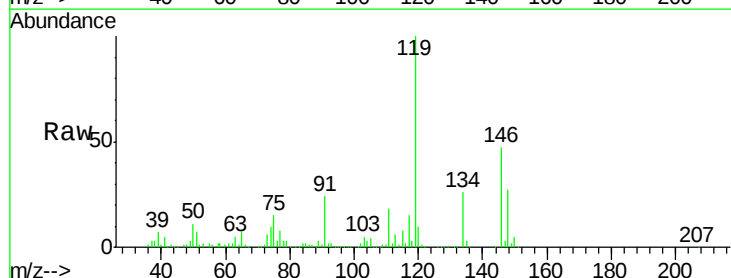
Tgt Ion:119 Resp: 199819

Ion Ratio Lower Upper

119 100

134 25.9 13.5 40.4

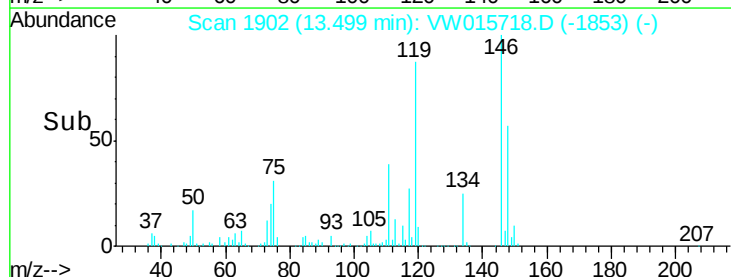
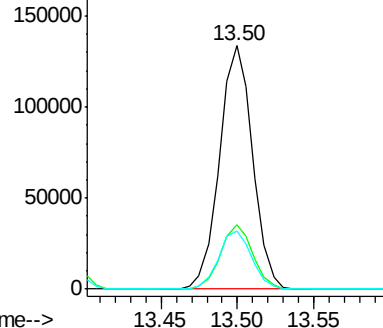
91 23.9 12.3 36.8

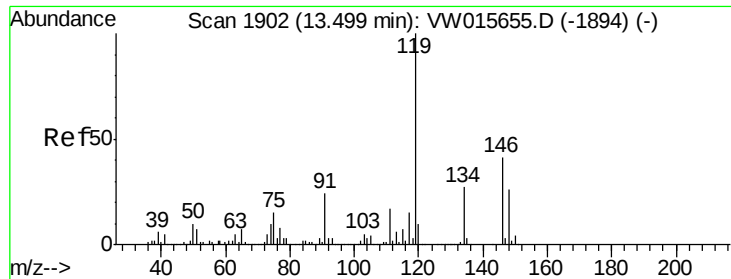


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.847 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

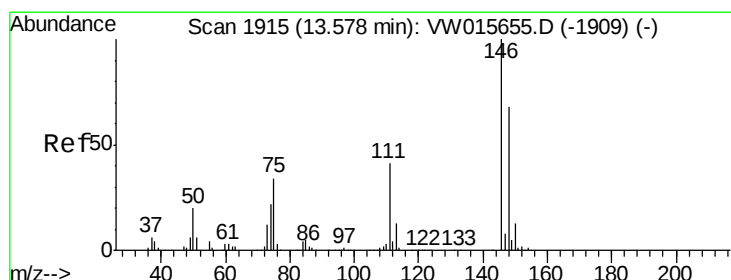
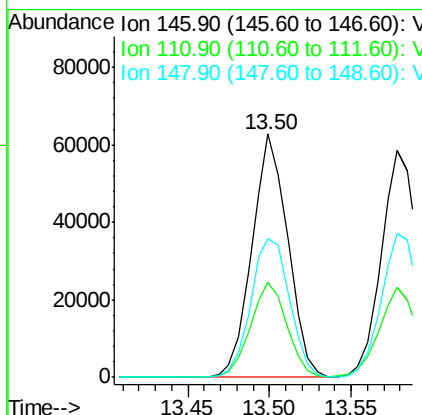
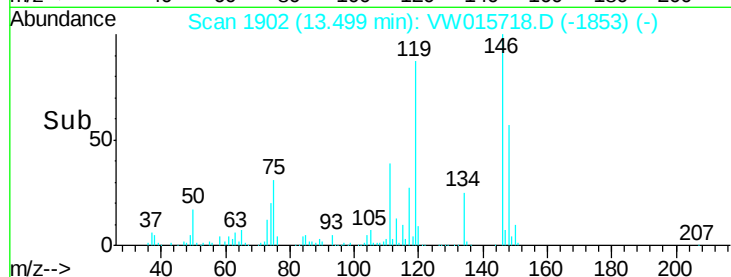
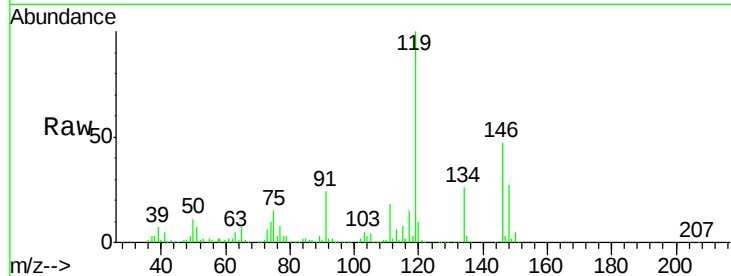
Instrument :
MSVOA_W

ClientSampleId :
VW0625SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.3	60.8
148	61.9	31.6	94.7

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#88

1,4-Dichlorobenzene

Concen: 20.177 ug/l

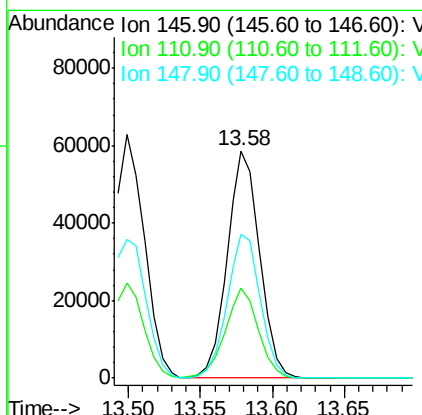
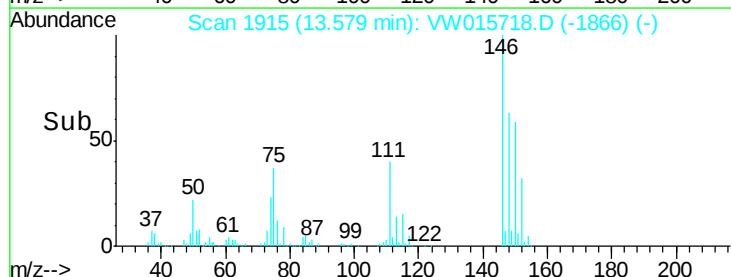
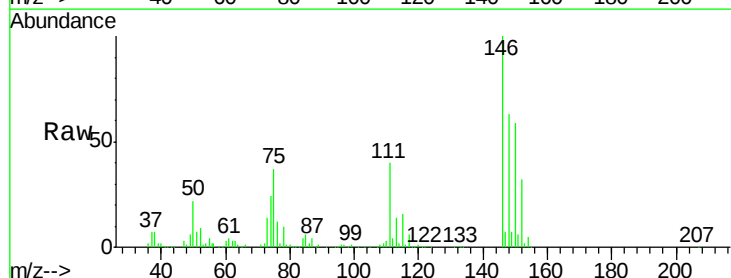
RT: 13.58 min Scan# 1915

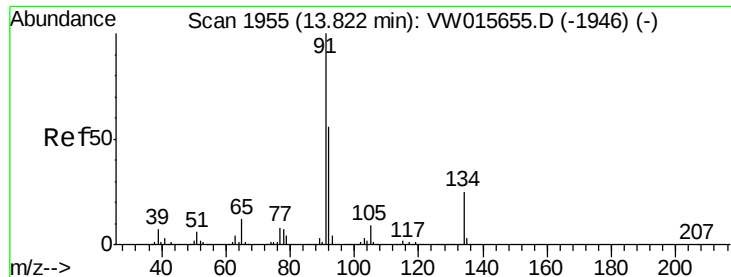
Delta R.T. 0.00 min

Lab File: VW015718.D

Acq: 25 Jun 2020 10:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	60.9
148	64.8	33.7	101.1





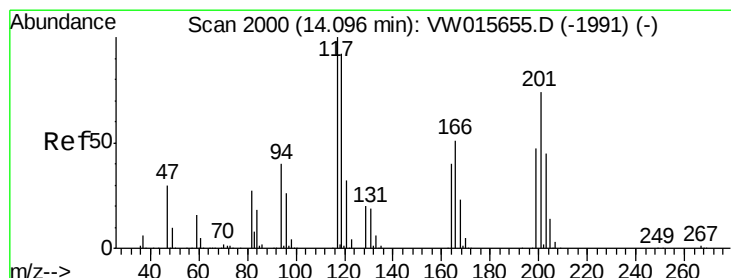
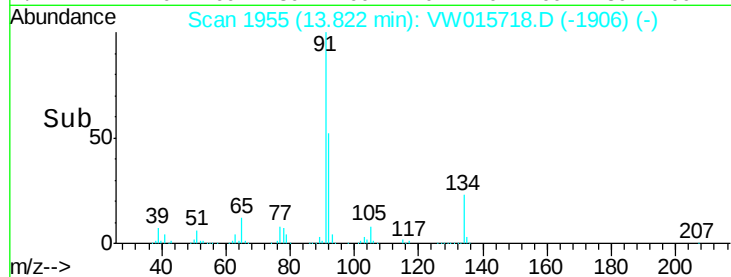
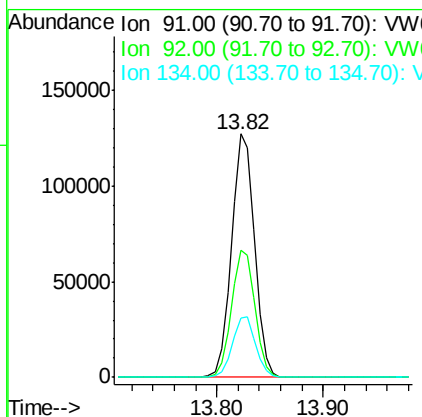
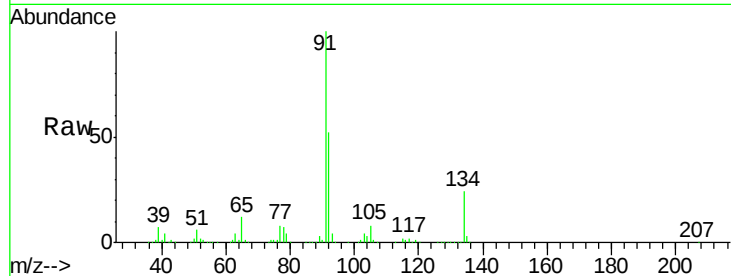
#89
n-Butylbenzene
Concen: 20.821 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	193314		
92	52.8		27.5	82.4
134	25.0		13.0	38.9

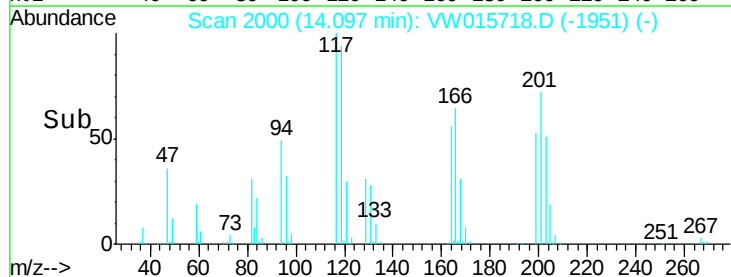
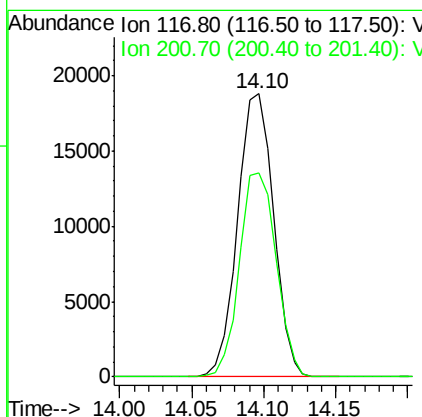
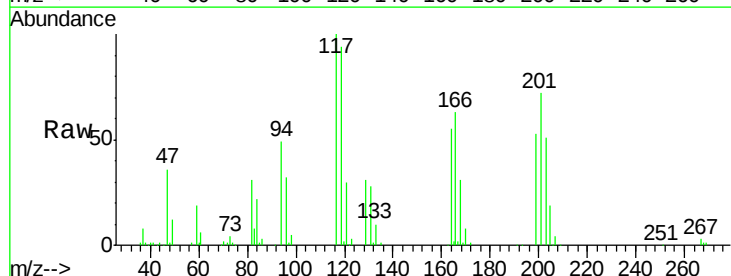
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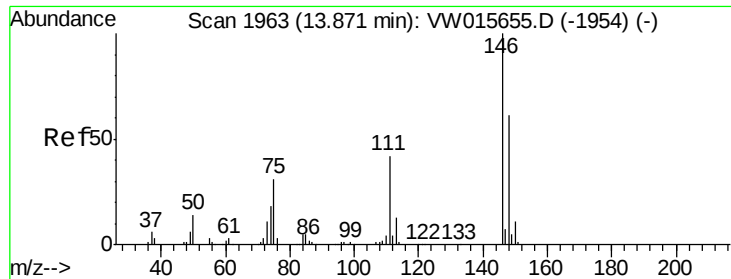
MMDadoda
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#90
Hexachloroethane
Concen: 19.014 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	32727		
201	73.4		37.1	111.5





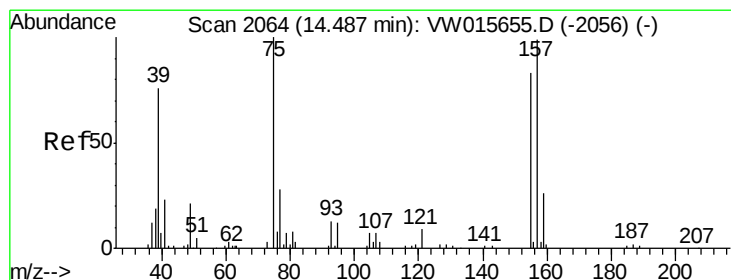
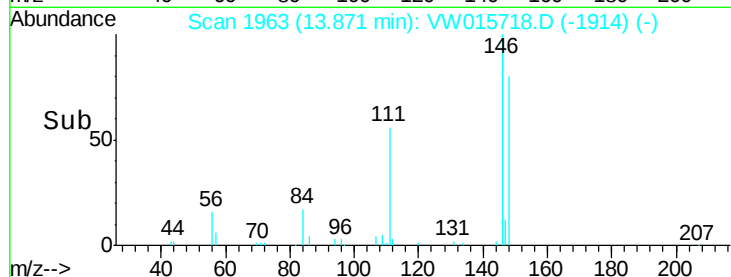
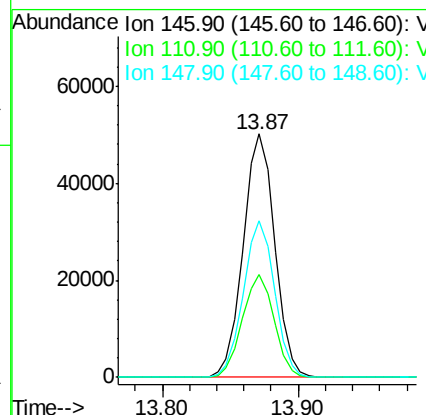
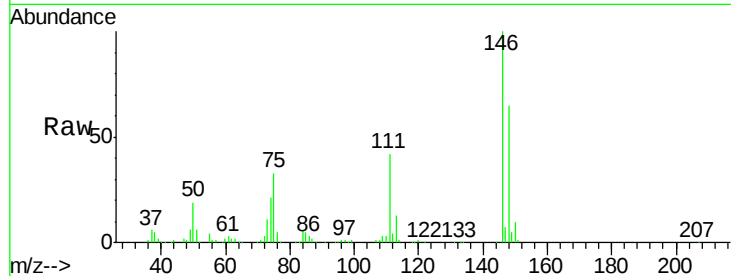
#91
 1,2-Dichlorobenzene
 Concen: 20.458 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.3	63.7
148	63.8	32.2	96.6

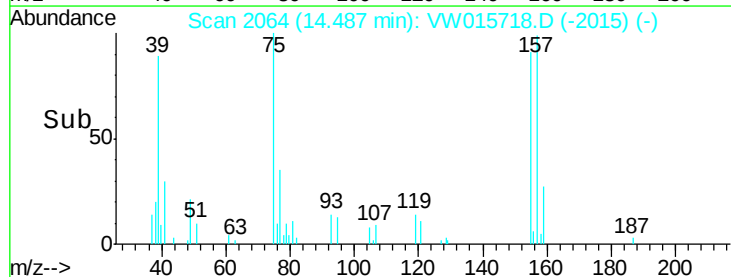
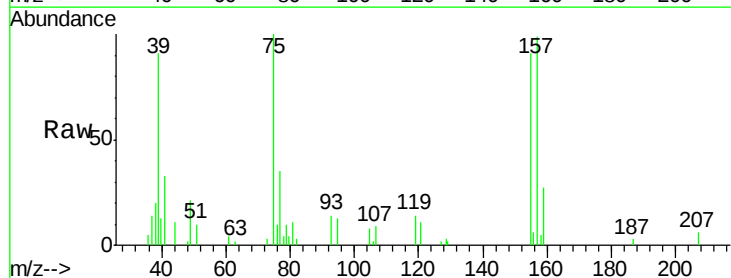
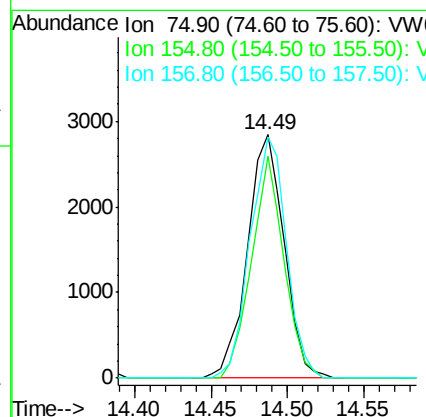
Manual Integrations
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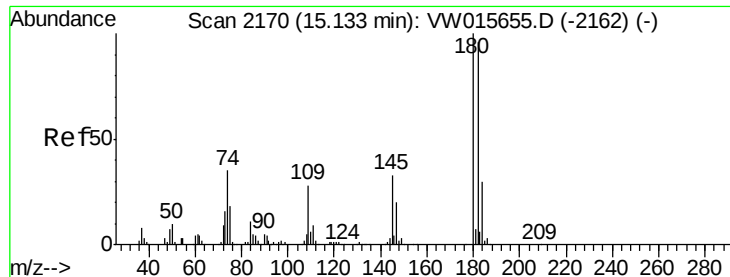
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.811 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.5	40.8	122.2
157	97.6	50.7	152.1





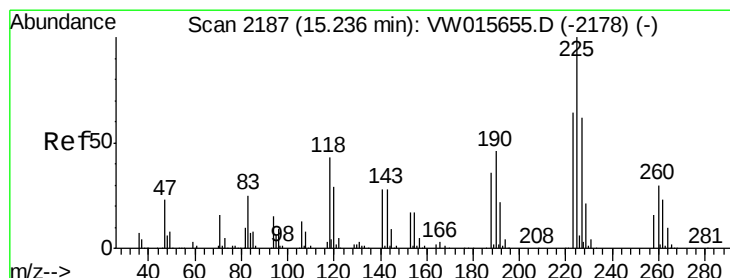
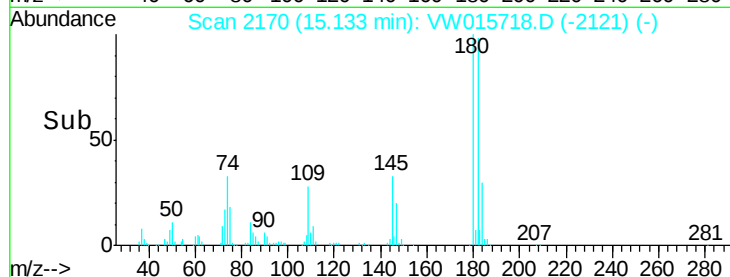
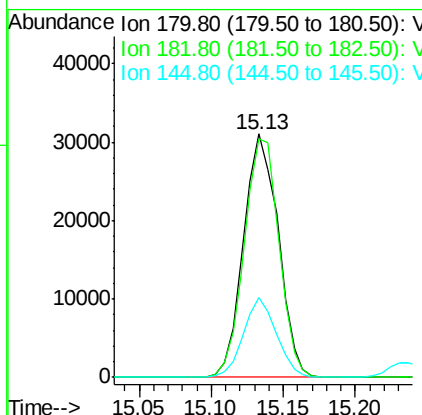
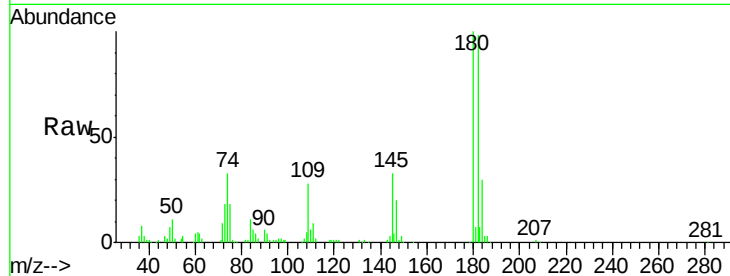
#93
 1,2,4-Trichlorobenzene
 Concen: 19.671 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	51723		
182	98.3	47.9	143.6	
145	31.0	15.6	46.7	

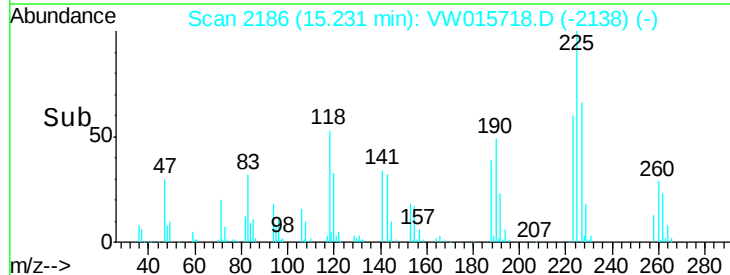
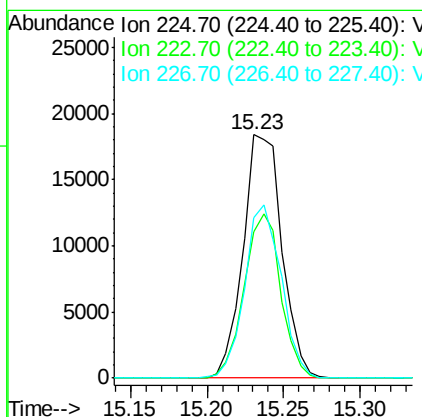
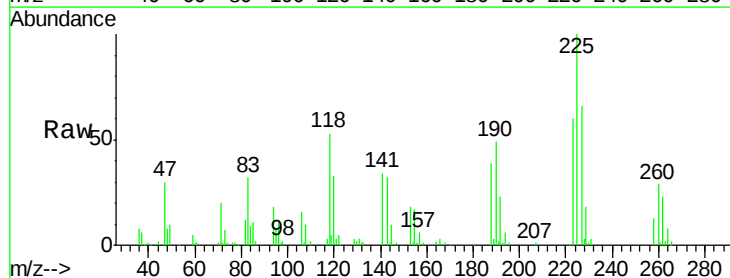
Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 11:21:18 AM



#94
 Hexachlorobutadiene
 Concen: 19.396 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015718.D
 Acq: 25 Jun 2020 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	32490		
223	63.7	31.0	93.0	
227	66.8	31.9	95.9	





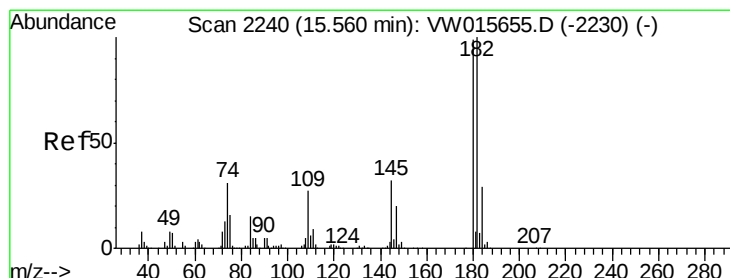
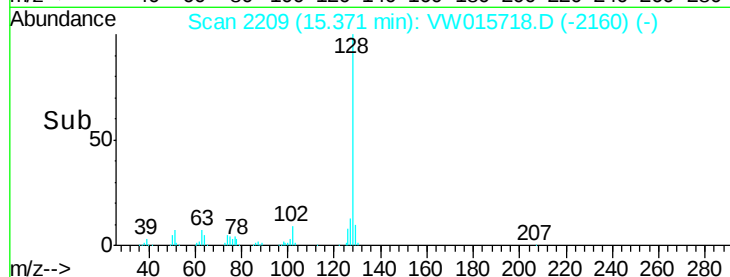
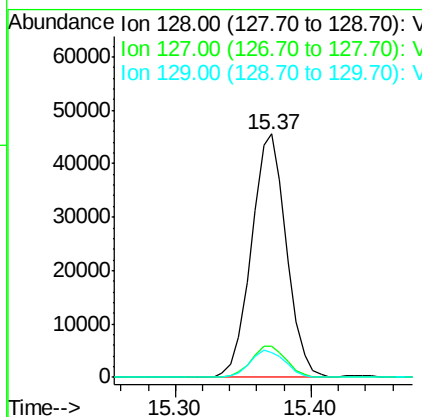
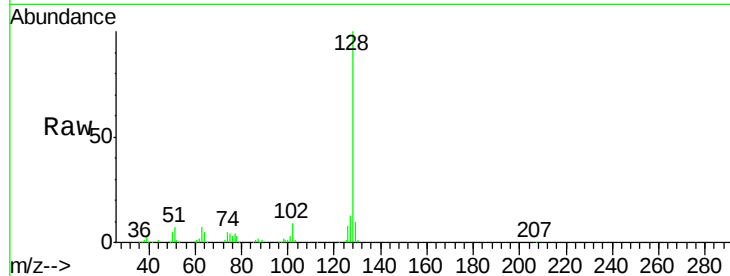
#95
Naphthalene
Concen: 18.835 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.1	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/26/2020 11:21:18 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.492 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW015718.D
Acq: 25 Jun 2020 10:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	49.0	147.0
145	32.8	16.4	49.2

